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COLLEGE OF PUGET SOUND

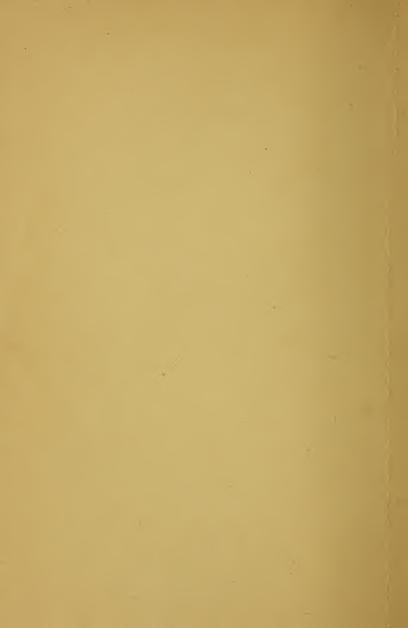
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— 1921 —



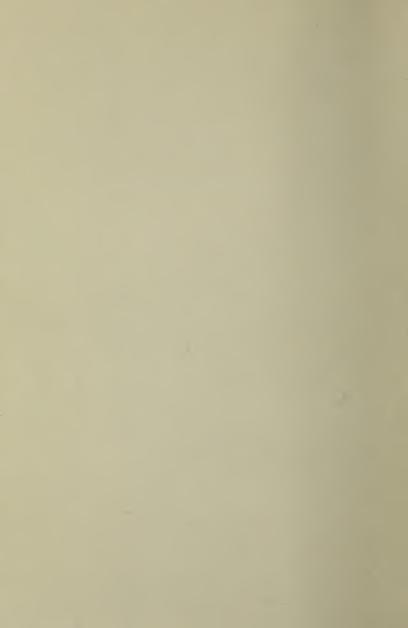
Vol. XIII.

No. 2

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COLLEGE OF PUGET SOUND

CATALOG 1920 - 1921



TACOMA, WASHINGTON



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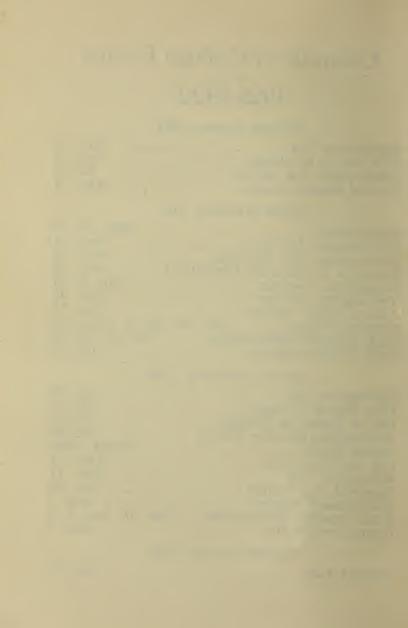


Calendar of College Events

1921-1922

SUMMER SCHOOL, 1921

Registration Day	June 13
First Session of Classes	June 14
Independence Day Holiday	July 4
Close of Summer Session	Aug. 12
FIRST SEMESTER, 1921	
Registration	Sept. 12, 13
First Session of Classes	Sept. 14
Matriculation Day Exercises	Sept. 15
Reception by Christian Associations	
Evangelistic Meetings	Nov. 21-25
Thanksgiving Holiday	Nov. 25
Annual College Banquet	Dec. 21
Christmas Recess Dec. 22—Jan. 2	2, 1922, inc.
Final Semester Examinations Jan	
Close of First Semester	Jan. 27
SECOND SEMESTER, 1922	
Registration Day	Jan. 30
First Session of Classes	Jan. 31
Day of Prayer for Colleges	
Washington's Birthday Holiday	Feb. 22
Spring Recess	
Cap and Gown Day	
Scholarship Day	May 11
Memorial Day Holiday	
Baccalaureate Sunday	June 4
Final Semester Examinations May 31	, June 1, 2
Commencement Day	June 6
SUMMER SCHOOL, 1922	
Opening Date	June 12



The Corporation

OFFICERS

E. L. BLAINE Chairman GEORGE SCOFIELD Vice-Chairman DIX H. ROWLAND Secretary ALFRED LISTER Treasurer CHARLES A. ROBBINS Financial Secretary CHARLES P. JOHNSON Corresponding Secretary R. L. SPRAGUE Assistant Corresponding Secretary EDWARD H. TODD President of the College
TRUSTEES
TERM EXPIRES 1921
Elected by the Puget Sound Conference
BISHOP WM. O. SHEPARD Portland, Oregon GEORGE SCOFIELD Tacoma REV. D. ROLAND MARTIN Tacoma ELMER DOVER Tacoma DIX H. ROWLAND Tacoma F. H. SKEWIS Tacoma GEN. J. M. ASHTON Tacoma REV. C. E. TODD Mt. Vernon REV. R. H. SCHUETT Tacoma
Elected by Alumni
GUY KENNARD Tacoma
Elected by the Columbia River Conference
D. H. COX
TERM EXPIRES 1922
Elected by the Puget Sound Conference
EDWARD L. BLAINE Seattle H. L. BROWN Tacoma E. S. COLLINS Portland JABEZ C. HARRISON Bellingham P. J. BRIX Astoria A. S. ELFORD Seattle JAMES E. CROWTHER Seattle J. M. CANSE Bellingham
Elected by Alumni
RAYMOND E COOK Chahalis

COLLEGE OF PUGET SOUND

Elected by the Columbia River Conference
FRANK B. BABCOCK Ewan HAROLD O. PERRY Moscow, Idaho
TERM EXPIRES 1923
Elected by the Puget Sound Conference
GEORGE A. LANDEN Seattle JAMES G. NEWBEGIN Tacoma E. M. HILL Vancouver WILLIAM L. McCORMICK Tacoma SPENCER S. SULLIGER Kent ALFRED LISTER Tacoma HENRY G. SHAW Tacoma BENJAMIN F. BROOKS Tacoma HORACE J. WHITACRE Tacoma
Elected by Alumni
EDWIN T. PITMON Seattle
Elected by the Columbia River Conference
U. F. HAWK Spokane R. H. BRIGGS Kennewick



Faculty*

EDWARD HOWARD TODD, M. S., D. D.,

President.

B. S., Simpson College, 1886; M. S., Simpson College, 1889; S. T. B., Boston University, 1893; D. D., Simpson College, 1906; Corresponding Secretary University of Puget Sound, 1905-9; Vice-President of Willamette University, 1910-13; elected President College (University) of Puget Sound, Sept., 1913.

ALBERT BENJAMIN CUNNINGHAM, A. M. Litt. D.,

Dean.

A. B., Muskingum College, 1913; B. D., Drew Theological Seminary, 1915; Fellow, Drew Theological Seminary, 1916; A. M., New York University, 1916; Dean and Professor of Psychology, Lebanon University, 1916-18; Litt. D., Lebanon University, 1918; Dean and Professor of Psychology, The College of Puget Sound, 1919-.

ANNA H. CRAPSER, B. A.,

Associate Professor of Modern Languages.

B. A., Ellsworth College; Milwaukee Seminary; University of Wisconsin, and University of Minnesota, majoring in Modern Languages, Taught in the high schools of Ocheyedan, Hawarden, Sac City, Jefferson, Iowa; and at Lewiston, Mont. Associate Professor of Modern Languages, The College of Puget Sound, 1920-.

WALTER SCOTT DAVIS, A. M.,

Professor of History and Social Sciences.

A. B., DePauw University, 1889; A. M., Cornell University, 1892; Student of History, University of Leipzig, 1892-3; Fellow in History and Political Science, University of Chicago, 1894-1896; Instructor in History, Richmond (Ind.) High School, 1897-1907; Professor of History and Political Science, College of Puget Sound, 1907-.

* Excepting the President and Dean, the faculty is listed alphabetically.

THEODORE EDWARD DUNLAP, M. S.,

Associate Professor of Chemistry.

A. B., College of Puget Sound, 1918; A. M., University of Washington, 1919; Assistant in Chemistry, College of Puget Sound, 1917-18; Graduate Assistant in Chemistry, University of Washington, 1919; Associate Professor of Chemistry, College of Puget Sound, 1919-.

*JOHN ONESIMUS FOSTER, A. M., D. D.,

Professor of Religion.

Diploma Garrett Biblical Institute, 1862; A. M., Cornell College, 1882; B. D., Garrett Biblical Institute, 1882; D. D., University of Puget Sound, 1910; Professor of Religion, College of Puget Sound, 1905-.

FREDRIK LORENTZS GJESDAHL, M. Pd., Pd. D., Ph. D.,

Professor of Education.

Studied in the schools and colleges of Norway; M. Pd., New York University; graduate student, Columbia University, 1915-20; Pd. D., New York University, 1918; Ph. D., New York University, 1920. Cleveland high school, 1918; Lecturer, New York University, 1919-1920. Head of the Department of Education, College of Puget Sound, 1920-.

FRANCIS WAYLAND HANAWALT, A. M.,

Professor of Mathematics and Astronomy.

A. B., DePauw University, 1884; Graduate Work, Columbia University, University of Chicago, Cornell University and Chamberlain Observatory; A. M., DePauw University, 1902; Department of Mathematics and Astronomy, Mt. Morris College, 1884-1893; Instructor of Mathematics, DePauw University, 1893-98; Professor of Mathematics and Astronomy, Iowa Wesleyan University, 1898-1903; Professor of Mathematics and Astronomy, Albion College, 1904-1908; Professor of Mathematics and Astronomy, College (University) of Puget Sound, 1908-.

^{*} Deceased.

RANSOM HARVEY, JR., Ph. D.,

Professor of Physical Sciences.

A. B., Shurtleff College, Alton, Illinois, 1905; Student, University of Missouri, summer sessions, 1906, 1908, 1910; A. M., Brown University, 1911; Ph. D., Dixon College, 1913; Instructor, La Grange College, 1905-6; Instructor high schools Wisconsin and Missouri, 1906-1911; Professor of Physics and Chemistry, Dixon College, 1911-13; Professor of Physics and Chemistry, Central College, 1913-14; Professor of Physics and Chemistry, College of Montana, 1914-15; Professor of Physical Sciences, College of Puget Sound, 1915-.

LYNETTE Hovious,

Professor of Public Speaking.

Iowa State Normal School, 1901; Teacher Public Schools, Country School and Prescott, Iowa, 1901-5; Student Cornell College, 1911-12; Graduate Northwestern University School of Oratory, 1914; Professor of Public Speaking, College of Puget Sound, 1917-.

MARJORIE MILNE, A. B.,

Physical Director of Women.

A. B., University of Washington; graduate of the Physical Training Department of Wellesley College; Director, Physical Education, Mount Holyoke College, 1917-18; Professor, Physical Training, Roycemore Private School, 1918-19; Physical Director of Women, College of Puget Sound 1920-.

ROGER WELLS PECK,

Director of Athletics.

Assistant Coach, St. John's College, 1916; Coach, The City College, 1914-15; Coach, Parett Memorial College, 1917; Lieut, U. S. Army, 1918-1919; Director of Athletics, College of Puget Sound, 1919-.

GEORGIA RENEAU, Ph. M.,

Professor of English.

Kansas State Normal School, 1902; Principal of High School, Tulsa, Oklahoma, 1903-8; Ph. B., University of Chicago, 1909; Ph. M., University of Chicago, 1910; English in Kansas State Normal School, 1910-13; Graduate Student University of Chicago, 1909, 1910, 1911, 1913; Graduate Student University of Pennsylvania, 1913; Professor of English, College of Puget Sound, 1913-

CHARLES ARTHUR ROBBINS, A. B.,

Registrar and Bursar; Associate Professor of Spanish.

A. B., DePauw University, 1904; Teacher, Medarville High School, 1904-5; Teacher, English College, Iquique, Chile, 1905-6; in business, Chili, Peru and Bolivia, 1906-11; diplomatic service, United States Legation, Copenhagen, 1918-19; Registrar and Bursar, College of Puget Sound, 1916; Associate Professor in Spanish, 1919-

A. P. ROLEN, A. M., D. D.,

Part Time Professor of Religion.

A. M., D. D., Hedding College; Professor of Bible and Philosophy, Hedding College, 1902-1919. Part time Professor of Religion, The College of Puget Sound, 1921-.

JAMES RODENBURG SLATER, M. Pd., M. A.,

Professor of Biology.

Litt. B., Rutgers College, 1913; M. A., Syracuse University. 1917; M. Pd., Syracuse, 1919; Principal Flintstone Agricultural High School, 1914; Principal Leland University, New Orleans, 1915; Teaching Fellow, Syracuse University, 1916; Assistant Instructor, Syracuse University Summer School, 1919; Professor of Biology, College of Puget Sound, 1919.

FLORENCE WILMA SWARTZ, A. B.,

Associate Professor of Home Economics.

A. B., University of Washington; Teacher of Home Economics, Wenatchee High School, 1917-18; and in Mount Vernon High School, 1918-19; Associate Professor of Home Economics, The College of Puget Sound, 1919-.

CONSERVATORY OF MUSIC

EDWARD CLAYTON JOHNSON,

Director of the Conservatory.

Graduate and post-graduate in Piano, Organ and Theory, Conservatory of Music, College of Puget Sound; for one year Assistant Organist, First M. E. Church, Tacoma; Organist of St. Luke's Episcopal Church, and later of the First Swedish Lutheran Church, Tacoma; Instructor (Assistant Instructor, 1916-17) in Piano, Conservatory of Music, College of Puget Sound, 1916-20; Organist First M. E. Church, 1921-; Director of the Conservatory, 1920-.

FREDERICK KLOEPPER,

Teacher of Voice Culture.

Pupil of Herr Daniel of Lippischer Hof Opera; Pupil of Herr Vieth, Capelmeister in Hanover, Germany; Pupil of Herr Barkhausen of Hanover; well known Concert Baritone in Northern Germany; College of Puget Sound, Conservatory of Music, 1914-.

MISS IRENE HAMPTON,

Pianoforte.

Graduate of Johnson School of Music, Minneapolis, Michigan, in 1903. 1904-5, studied with Gertrude San Souci, a pupil of Moszkowski. Miss Hampton then took up advanced coaching with Herman Genss, a pupil of Franz Liszt, and Director of Leipsig Conservatory. Later she was engaged in professional work in New York City, following which she filled concert engagements with the Orpheum and Keith Circuits, appearing in practically all the larger cities of the United States.

MR. HERBERT RILEY,

Violin-cello.

Pupil of Heinrich Grunfeld, Alfred Steinman and Anton Hekking, three of the most prominent European 'cellists. 'Cellist with New York Symphony Orchestra, under Walter Damrosch, San Francisco Symphony Orchestra, under Alfred Hertz, and Seattle Philharmonic Orchestra, under John Spargur.

MADGE C. HURD,

Pianoforte.

Studied in the School of Music of Carlton College, Northfield, Minn., and in Puget Sound Conservatory of Music, Taught private classes in Fairbault, Minn.; Puget Sound Conservatory of Music, 1919-.

MRS. PAUL T. PRENTICE,

Teacher of Violin.

Mrs. Prentice is a graduate of Peoria Conservatory of Music, Illinois, under Professor Harold Plome. She was a member of Berlin Hochschule with orchestra and quartet work under Joseph Joachim, pupil of Anton Witck in Berlin, and later in Boston. She is a member of the Symphony orchestra. She taught in Southwestern University, Georgetown, Texas, and State College, Pullman, Washington; College of Puget Sound, 1919-.

MISS PEARL ANDERSON,

Assistant Instructor in Piano.

Graduate, Conservatory of Music, College of Puget Sound, 1919. Instructor, C. P. S. Conservatory, 1920-.

MISS RITA TODD,

Assistant Instructor in Piano.

OFFICERS OF FACULTY ADMINISTRATION

President	Edward H. Todd
Dean	Albert B. Cunningham
Registrar	Charles A. Robbins
Secretary of the Faculty .	Walter S. Davis
Director, Conservatory of	Music Clayton Johnson
Director, Men's Dormitory	Walter S. Davis
Secretary to the President	Olive I. Brown

COMMITTEES OF THE FACULTY, 1920-21

ADMINISTRATION: All Rules, Student Body, Central Board, Government:

> President Todd, Dean Cunningham.

II. INSTRUCTION: Admission, Classification and Curriculum. Schedule, Library, and Bulletins:

President Todd

Dean Cunningham Prof. Davis

Prof. Hanawalt

Prof. Gjesdahl

Prof. Reneau

Prof. Slater

Prof. Robbins

Admission, Classification and Curriculum:

Dean Cunningham, Prof. Davis, Prof Robbins.

Schedule:

Prof. Giesdahl. Prof. Harvey. Prof. Hanawalt. Dean Cunningham.

Library:

Profs. Reneau, Slater, Dunlap.

Bulletins:

President Todd, Dean Cunningham, Prof. Robbins.

Chapel, Religious Services, Y. M. & III. RELIGIOUS LIFE: Y. W. C. A.:

Profs. Hanawalt, Crapser, Davis.

IV. LITERARY ACTIVITIES: Literary Societies. Student Publications. Debate and Oratory:

Profs. Reneau, Hovious, Harvey, Swartz and Crapser.

- V. Social Functions: Class Meetings, Parties, Receptions: Profs. Hovious, Slater and Crapser.
- VI. STUDENT SELF-SUPPORT: Employment, Homes for Girls: Profs. Robbins, Swartz, Peck.
- VII. RECOMMENDATIONS: Awards, Scholarships, Diplomas, Degrees:

 Profs. Davis, Crapser, Peck.
- VIII. ATHLETICS: Athletics, Physical Training of Men and Women:

 Profs. Harvey, Peck, Hovious, Crapser, and Dr. Mary E. Reynolds.
- IX. APPOINTMENTS: Securing Positions for Teachers: Profs. Gjesdahl, Slater, and Harvey.



General Information

OUR STANDARD.—The College of Puget Sound is organized for the purpose of providing the young men and women of the Northwest with symmetrical development. Sane physical training and wholesome moral and religious guidance are to have equal recognition with mental culture. The College knows no forbidden fields of knowledge, but in all departments seeks to know and reverence the truth. The aim of the school is to develop Christian character and fit men and women for the every-day demands of life. While the College is under the auspices of the Methodist Episcopal Church, young people of good moral character will receive a welcome irrespective of creed.

Location.—The College is located in the City of Tacoma, one of the three largest cities in the State of Washington. Tacoma is situated on Commencement Bay, at almost the southern extremity of Puget Sound. Four transcontinental railroads enter the city. The ships of the world's commerce land at her doors. It is a city of good pay rolls, fine homes, beautiful scenery, good churches and schools. The climate is comparatively mild the year round. It is located in about the geographical center of Western Washington, and Western Washington is the most

thickly populated of any like area west of the Missouri River and north of California. The Sound is a beautiful inland sea where the tides of the ocean come and go twice every twenty-four hours, reminding us that the greatest highway of the world is at our doors.

The College is located one mile from the City Hall, in a good residence district. Two street car lines pass its doors. It is within easy walking distance of the Public Library, the State Historical Building and Ferry Museum, and the leading churches. There is no city in the West which furnishes a better location for a college, and no college location could be better related to the city than is that of the College of Puget Sound.

ACCREDITATION.—The College of Liberal Arts, Normal Department and Summer School are accredited by the Board of Education of the State of Washington.

EQUIPMENT.—The campus contains about seven acres. There are six buildings. The Administration Building consists of two stories and basement, and is well built. The Chapel Building is likewise two stories and basement. The President's Residence, the Men's Dormitory, the Music Hall and the Women's Dormitory complete the number of buildings.

LABORATORIES.—The Biological, Physical Science and Home Economics Laboratories are housed in separate and roomy quarters. All are well lighted and fitted to take care of all the courses offered in these various departments.

LIBRARY.—The Library is housed in a commodious, well lighted room on the second floor of the Chapel Building. The Library contains about 7600 volumes. The Alumni Association has assumed the task of augmenting and equipping the Library, and is now conducting a campaign to that end. The Tacoma Public Library is also available and is most accommodating to the College.

DORMITORIES.—The College maintains a women's dormitory and a men's dormitory. Both are furnished with the heavier pieces of furniture. Students rooming in the dormitories should bring with them linen, covers, towels and other furnishings to suit their individual taste.

The women's dormitory is under the charge of a mature and experienced matron, who acts as preceptress and has charge of the dining hall. The women's dormitory is the center of interest and attention of the Women's College League, and every effort is made to make it a homelike place in which young women may receive adequate care and supervision. Board is furnished at moderate cost.

The men's dormitory is in charge of a faculty proctor. It is a convenient home for College men. Residents in the dormitory have the use of a dormitory parlor, kitchen and dining room with accommodations for individual housekeeping if they choose. Men preferring to board can obtain board at reasonable rates in private homes in the neighborhood.

The capacity of both dormitories is very limited, and early reservation of a room is advisable. It is expected that all students who begin residence in one of the College dormitories shall continue such residence throughout the year; but in every case the student must pay in full for the semester for which reservation is made.

SUPERVISION OF YOUNG WOMEN.—The young women of all departments of the institution are under the supervision of the Preceptress. Young women residing outside the dormitories are required to register with the Preceptress the names and addresses of the residents with whom they live.

Some young women earn a part or all of their board and room by assisting in the homes where they live. No young woman is allowed to enter such a home on her own responsibility. Women of the city who wish to employ college girls consult with the Preceptress, who canvasses the situation and keeps a list of reliable homes, together with an account of the advantages offered and the kind of work required.

ASSOCIATED STUDENTS. — The organized student body, known as the Associated Students, has general direction and charge of such College activities as athletics, student publications, debating and oratorical contests, glee clubs, band, literary, social and certain religious activities, with the faculty in advisory relation. Direction of activities, is exercised mainly thru a representative body known as the Central Board composed of the officiary of the Associated Students and a representative of each subordinate organization and three advisory representatives from the faculty.

ATHLETICS. — The College believes in a "sound mind and a sound body." Every student is urged to take regular and systematic exercise, and there are required courses in physical training in the Freshman year. The value and place of athletics in the development and training of the individual student and in promoting a healthy spirit of loyalty and enthusiasm in the student body are recognized, and athletics are encouraged so far as is consistent with the highest scholastic and ethical standards. The College provides the services of competent athletic coaches, and all athletics are under the supervision of the faculty.

COLLEGE PUBLICATIONS.—The regular student publication is The Trail, and is published monthly. It is edited and managed by the representatives of the

student body. Besides affording a field for journalistic work, it is an important factor in expressing the student life, in all religious, athletic, literary and social lines.

The College Annual is the Tamanawas, published by the Junior Class. It stresses the various events of the college year; gives the personnel of the various organizations; and is a splendid organ of the aims and accomplishments of the College.

DEBATE AND ORATORY.—The College plans to hold an annual debate between its students and those of one or more neighboring institutions. These contests, while fostered by the Department of Public Speaking, are under the management of the Associated Students and contribute largely to the production of healthful school spirit and enthusiasm.

GLEE CLUBS.—A men's and women's glee club, each of sixteen voices, is organized each year from the student body. The glee clubs are ably trained and directed by the Conservatory of Music. Public concerts in and outside of Tacoma are arranged by glee club managers under the auspices of the Associated Students. The training and experience in connection with a glee club are a distinct feature of the College life.

LITERARY SOCIETIES.—The students maintain four literary societies in which the College life is centered, and in which it finds its best expression. The Philomathean and Amphictyon are mixed societies; the H. C. S. and Kappa Sigma Theta are societies for men and women respectively. Inasmuch as the several societies present individual characteristics and ideals, they insure themselves and their prospects ample opportunity for investigation and deliberation by electing or pledging no student to membership during the first eight weeks after college registration.

Social Life.—The College seeks to maintain the proper relation of social activities in the life of the students. The College is committed to coeducation as a scholastic and social ideal, but seeks to properly safeguard the moral and scholastic welfare of its students. The policy of the College is to grant to its students the greatest amount of self-responsibility that is shown to be safe, resorting to faculty discipline only as it is made necessary by the conduct of the student.

RELIGIOUS ORGANIZATIONS.—The Y. M. C. A. and Y. W. C. A. are strong and efficient organizations, enjoying the leadership of the strongest and most popular students and embracing in their membership the majority of the student body. Splendid work is

done in the Association Bible Study and Mission Study classes, and the midweek Association meetings are invaluable sources of inspiration and help. The opportunity of representing the College at one of the great intercollegiate association conferences held annually in June at one of the ocean beaches is one of the most valuable privileges of a College course.

In the local band of Student Volunteers the College is serving as a fine recruiting station in the great missionary work of the Church.

STUDENT EMPLOYMENT. Many students come to the College every year who need to earn part of their expenses. The City of Tacoma, by reason of its size, affords many opportunities for self help. The stores, banks, hotels and restaurants, mills, factories, newspapers and homes offer employment to a large number of students. Seldom has a student been compelled to leave school for want of employment. No young man or young woman of fair health and well supplied with energy and thrift need fail to receive an educa-The faculty is glad to render students all possible assistance in finding employment. Any prospective student wishing employment should address a request to the President for a Student Employment Blank, which when properly filled out and returned will be of material assistance in finding a position. Students planning to earn a considerable portion of their expenses should plan not to take the full quota of studies. While many students are able to make all of their expenses a student should come provided with sufficient funds to meet initial expenses and afford some margin for emergencies.

SCHOLARSHIPS.—The College will grant a scholarship to the valedictorian or salutatorian of every accredited four-year high school or academy in the State of Washington, vielding a remission of twenty dollars of incidentals each semester, for the freshman year of any degree course. Such scholarship will be continued in force thruout the four years or so long as the holder of the scholarship continues to make first grades in at least one-half of his or her studies and nothing lower than a second grade. In case of failure to comply with this standard after the first year during which the scholarship is in force, such scholarship will then be cancelled. The purpose of these scholarships is to place emphasis upon excellent work and to assist those who are worthy but may be in needy circumstances. A small amount of library service will be expected of each holder of a scholarship.

LOANS.—The Board of Education of the Methodist Episcopal Church from year to year makes loans in limited amounts to needy and worthy students who are members of this denomination. In order to obtain such assistance the student must be in actual attendance at the College, must be doing satisfactory work in his studies and be recommended by the faculty for the loan desired.

PRIZES.—The following prizes are awarded each year:

EDWARD B. KING ENGLISH PRIZE.—To the most proficient and accomplished student in English during the entire College course an Unabridged Standard Dictionary is presented by Mr. Edward B. King, of Tacoma, Washington.

FLORENCE A. TODD READING PRIZE.—A prize of \$10.00 is warded to the first winner of the Annual Public Speaking Recital Contest by Florence A. Todd, wife of President Todd.

James G. Newbegin Debating Trophy and Prizes.—In 1918 a beautiful loving cup was offered by Mr. James G. Newbegin as a trophy to the winning debating team in an interscholastic contest among the several literary societies. The contest is an annual function under the auspices of the Associated Students, and the trophy will be retained by or passed on to the winning society from year to year.

A cash prize of \$25.00 is offered to the two leading debaters in the intersociety contest.

CHEMISTRY PRIZE.—An honor prize of ten dollars is given for the best work in Chemistry during the year, with general excellence in mathematics and foreign language.

A thesis prize of ten dollars is also given for the best long theme on a chemical subject. Any one is eligible, but the preference is given to upper classmen. The thesis is judged on content, English, and general interest.

THOMAS J. WAYNE ENGLISH PRIZES.—Two prizes of \$25.00 and \$15.00 are offered for the first and second best of original work in the Freshman English class.



Tuition and Fees

Incidental Fee-Per Semester-	
Three or more courses	\$41.00
Two courses of not less than six credits	31.00
One course, or from one to five credits	23.00
Extra hours, each	1.50
Laboratory Fees—Per Semester—	
Biology, 1, 2	\$ 2.00
Biology 3	1.00
Botany, 7, 8, 10	2.00
Botany, 7, 8, 10 Botany, 11, 12	3.00
Chemistry, 1, 2, 11, 12	6.00
Chemistry, 3, 4, 7, 8	7.50
Chemistry, 5, 6	10.00
Chemistry, 9, per credit hour	3.00
Home Economics, 1, 2, 5, 10	4.50
Home Economics, 3, 11, 12	2.00
Home Economics, 4, 8, 9	5.00 3.00
Home Economics, 15, 16, 21	2.00
Physics, 1, 2	3.00
Physics, 3, 4	4.00
Zoology, 14	3.00
Zoology, 15	2.00
Sundry Fees—	
Associated Students Fee, per semester	e 5.00
Registration Fee, Private Lessons, per course	3.00
Late Registration Fee	1.00
Special Examination Fee	1.00
Examination for credit, per credit hour	1.00
Degree Diploma	5.00
Normal Diploma	2.50
DEPARTMENT OF PUBLIC SPEAKING (Forty-Minute Lessons)	3
Private Lessons, two per week, per semester	\$45.00
Private Lessons, one per week, per semester	
Private Lessons, course of ten	14.00
Private Lessons, single	1.50
DORMITORY RENTALS	
Board and Room will be furnished at the Women's Hall, per day	e 1 95
man, per day	9 1.40

Administration of the Curriculum

ADMISSION

Each candidate for admission is required to present a testimonial of good moral character. Such testimonial may be subscribed by his high school principal on the College Entrance Certificate furnished by the College or may be supplied in a special written statement by his pastor or some other reliable person. Each candidate for admission to the College by transfer from another college or university is required to present honorable dismissal from the institution from which he comes.

Delay and inconvenience will be avoided if scholar-ship credentials and statements of credits are presented early—a month, if possible, before proposed registration. A College Entrance Certificate blank may be obtained from the high school principal or by addressing the Registrar of the College. The submission of the College Entrance Certificate, filled out and signed by the high school principal, is interpreted as declaring an intention to enter the College of Puget Sound, but in no way obligates the candidate. The Registrar will be glad to furnish any prospective can-

didate for admission at any time a tentative statement of his college entrance standing, if provided with an itemized statement of the credits to be presented.

The College will accept for admission to freshman standing by certificate credits from accredited high schools and other accredited secondary schools. Graduates of high schools of which one or more years are not accredited may be admitted by examination in unaccredited branches or may be admitted to tentative standing until the value of preparation for college work can be determined.

High school credits are reckoned in semester rather than in year units. A unit stands for the equivalent of five recitation or laboratory periods per week in a branch of study for a semester. Recitation periods of forty-five minutes, laboratory periods of ninety minutes, and a semester of eighteen weeks are considered minimum standards for high school work. College credits are reckoned in credits, or hours—a credit standing for a recitation or lecture or laboratory period per week for one semester.

I. Admission to Freshman Standing

A—GENERAL REQUIREMENTS—30 UNITS.

- (1) 6 units of English.
- (2) 4 units of Mathematics (5 or 6 units may be presented).

- (3) 6 units from one of the following groups (but 1 or 2 units may be substituted by equivalent additional units of mathematics (2):
 - (a) Foreign Language Latin, German, French, Spanish. (Four units in one language required, and not less than two units in any language counted.)
 - (b) History Ancient, general, Greek, Roman, medieval, modern, English, United States, civics, economics (at least two units of consecutive work).
 - (c) Science—General science, physical geography, physiology, biology, botany, zoology, geology, physics, chemistry (not less than two units in biology, physics or chemistry. Definite laboratory work required in biology, botany, zoology, physics and chemistry.)
- (4) 4 units in subjects listed in foreign language, history and science groups (a)-(c).
- (5) 10 units including any subjects accepted by an accredited high school for its diploma (not more than eight units in vocational subjects).

A candidate who has fulfilled the above requirements will be admitted to full freshman standing in the College. A candidate presenting thirty units from an accredited high school with a deficiency of not more than two units of foregoing specifications will be admitted to conditioned freshman standing.

Excess entrance credits will not be considered for advanced standing unless based on post-graduate work, and will in no case be granted except on recommendation of the head of the department concerned after at least one semester of residence.

B-Prerequisites to College Curricula.

In addition to the subjects specifically listed in General Requirements (A) the following subjects are listed as respectively prerequisite to the several curricula.

(1)—Curriculum in Language— Latin	4 2	
History Science	2	12
(2)—Curriculum in Science—	C	
Science (including physics) Mathematics (advanced) Foreign language	6 2 2	
History —	_	12
(3)—Curriculum in Social Subjects—	_	
History A foreign language	6	
Science —	2	12
(4)—Curriculum in Education—		
History	4	
A foreign language	4	12

C-College Prescription Additions.

In the case of candidates who can meet the general requirements (A), but are deficient in specified curricula prerequisites (B), deficiencies will be added to

curriculum prescriptions and college credit will be given for such courses to the extent that free electives are available. Deficient prerequisites are to be given precedence in arranging a schedule.

D-College Prescription Remissions.

Remission of any college prescription on the basis of excess of specified requirements and prerequisites (A and B) requires special action of the faculty.

II. ADMISSION OF SPECIAL STUDENTS

Students who are not high school graduates, but who give satisfactory evidence of ability to do acceptable work in certain college studies may be admitted as special students. To be enrolled in any class a special student must have the approval of the dean and of the head of the department concerned, and in all cases enrollment will be on strict probation, continuation of the course dependent on satisfactory work. But the preference of the College is that all students be prepared for regular entrance; and the enrollment of special students, save in clearly exceptional cases, is discouraged.

III. ADMISSION TO ADVANCED STANDING

A-FROM OTHER COLLEGES.

Students presenting credits from other colleges of recognized rank will be admitted to such advanced standing as their preparation may entitle them. Full recognition of credits will be tentative, conditioned upon satisfactory progress for not less than one semester.

B-FROM NORMAL SCHOOLS.

Students presenting credits from approved normal schools will be given a sum credit of twenty-nine credits for the full work of each year parallel with the freshman and sophomore years in any four-year curriculum the candidate proposes to enter. A graduate of the advanced normal curriculum, who satisfies general entrance conditions will be admitted to junior standing. For prescriptions to meet requirements for the Bachelor of Arts degree, see page 42.

C-FROM POST-GRADUATE COURSES IN HIGH SCHOOL.

Advanced standing will be given for post-graduate courses presented from high schools recognized as qualified to offer one or two years of collegiate work.

D-FROM PROFESSIONAL SCHOOLS.

For professional training of two years or more in a recognized institution thirty-six credits constitute the maximum of advanced standing.

PRESCRIPTIONS AND ELECTIVES

The College aims to insure a fair degree of specialization in some field without infringing on a proper

freedom of election. To this end the following rules are established to guide the student in the determination of his College work:

- 1. At the beginning of the Freshman year the student will elect the particular curriculum he decides to pursue. This choice is limited only by entrance conditions involved.
- 2. At the beginning of the Junior year the student will designate the department in which he prefers to specialize, or major. In this connection a major consists of twenty-four credits, including both required and elective work, in any one of the following departments: Ancient Languages, Modern Languages, English, History and Government, Mathematics and Astronomy, Physical Sciences, Biological Sciences, Philosophy and Sociology, Economics and Business, Education and Psychology and Religion.
- 3. Beside the twenty-four credits in the departmental major twenty-four additional credits must be taken from the one of the following groups to which the major belongs, viz:
- (1) Language—English (including Public Speaking), Latin Greek, German, French, Spanish.
- (2) Science—Mathematics, Astronomy, Chemistry, Physics, Geology, Botany, Zoology, Physiology, Home Economics.
- (3) Social Subjects—History, Government, Sociology, Economics and Business, Philosophy, Education, Religion, Psychology.

4. Beyond the demands of the major and its group, as above specified, freedom of election is limited only by the specified prerequisites of given courses. For purposes of economy the College reserves the right to withdraw any elective course offered, if elected by fewer than five students.

CLASS STANDING

FRESHMAN RANK.—A student is ranked as a freshman who has satisfied entrance or conditioned entrance requirements.

SOPHOMORE RANK.—A student is ranked as a sophomore who has satisfied all entrance requirements and has a total of at least 31 credits (in Education 35 credits).

JUNIOR RANK.—A student is ranked as a junior who has at least 55 credits (in Education 60 credits).

SENIOR RANK.—A student is ranked as a senior who has at least 90 credits (in Education 98 credits).

GRADUATE RANK.—A student is ranked as a graduate who holds a baccalaureate degree from a recognized institution and is pursuing a definite curriculum toward a higher degree.

SPECIAL STANDING.—A student is designated as special who is unable to obtain any of the foregoing

ranks, but is permitted to pursue certain subjects for which he is recognized as qualified.

The ranking given a student at the beginning of the year holds good for the academic year concerned. The student may not obtain advanced standing in the middle of the year.

REQUIREMENTS FOR GRADUATION

MINIMUM RESIDENCE AND CREDITS IN ANY CURRICULUM.—To be recommended for graduation from any curriculum a student must have been in attendance for at least two semesters, or one semester and two summer sessions, and present a minimum of twenty-four credits earned in the College of Puget Sound, with no less than six credits in either semester.

BACHELOR OF ARTS DEGREE.—The degree of Bachelor of Arts is conferred on satisfaction of all entrance, prerequisite, prescription and major specifications in accordance with one of the several four-year curricula, with a total of at least 130 credits (in Education 138). To be admitted to candidacy for the Bachelor of Arts degree the student will present a minimum of 90 credits, with all entrance and prerequisite requirements and all prescription requirements for the freshman and sophomore years fully satisfied. Application for admission to candidacy will be made at least three months previous to proposed graduation.

GRADUATION HONORS.—Students on completion of curricula in the College of Liberal Arts will be given graduating honors on the following basis:

Summa Cum Laude: Rarely and for special excellence only.

Magna Cum Laude: Not more than two grades below first, and none lower than second.

Cum Laude: Two-thirds first, none lower than second.

Honorable Mention: for successful and sustained work in one or more departments of study.

BACHELOR OF ARTS DEGREE FOR NORMAL GRAD-UATES.—Students who have completed two years of Normal Training of collegiate grade may complete requirements for the degree of Bachelor of Arts by satisfying admission and prerequisite requirements, and presenting a total of seventy-two credits as follows: Foreign languages 16 credits, physics or chemistry 8 credits, botany or zoology 8 credits, sociology or economics 8 credits, philosophy 6 credits, departmental major (including thesis) 24 credits, elective 2 credits.

NORMAL DIPLOMA.—Upon completion of the prescribed two-year curriculum in Normal Training a Normal School Elementary Diploma will be granted.

CURRICULA

I. CURRICULUM IN LANGUAGE

Leading to the Degree of Bachelor of Arts	
(1) Language English 1, 2, elective	36
(2) Science \dots $\begin{cases} \text{Mathematics or physical science, } & \text{Simple of the science } & \text{Mathematics or physical science, } & Mathema$	
	26
Total Requirement for graduation	130
CURRICULUM IN LANGUAGES	
Freshman Year Junior Year	
English	. 3 . 3 . 6
College Problems 1 Physical Training 2	33

35

COLLEGE OF PUGET SOUND

Sophomore Yea	xr	S	enior Year	
Foreign Language English Biological Science Public Speaking Electives	6 6 2		•••••••	
	32			
II. C	URRICULU	M IN SCI	ENCE	
Leading to	the Degree	e of Bachelo	r of Arts	
(1) Language	Foreign la Public sp		• • • • • • • • • • • • • • • • • • • •	6 14 4 2
(2) Science	Advanced physi Chemistry	mathematic cal science cascionce	s or	8 16 6 3:
(3) Social Subjects	Sociology Psycholog	v	S	6 6 3 6 2 2
(4) Miscellaneous .	Physical Major an	roblems education d thesis tive		1 2 24 18 4
Total requiremen	its for gra	duation		. 130

ADMINISTRATION OF THE CURRICULUM

CURRICULUM IN SCIENCE	
Freshman Year Junior Year	
French or German 8 Psychology Chemistry or Physics 8 Philosophy Mathematics 8 Ethics English 6 Physiology Public Speaking 2 Bacteriology	3 3 4 5
College Problems 1 History	6
35	31
Sophomore Year Senior Year	
Botany or Zoology 6 Thesis	3 6 2
Chemistry	19
Science 8 Bible 2	30
Electives 4	30
34	
III. CURRICULUM IN SOCIAL SUBJECTS	
Leading to the Degree of Bachelor of Arts	
(1) Language English 1, 2	24
(2) Science { Mathematics or physical science 8 Biological science 6	14
Economics 6 History 6 Sociology 6 Sociology 6 Political Science 6 Psychology 3 Philosophy 1, 3 6 Religion 4 Education 4	41

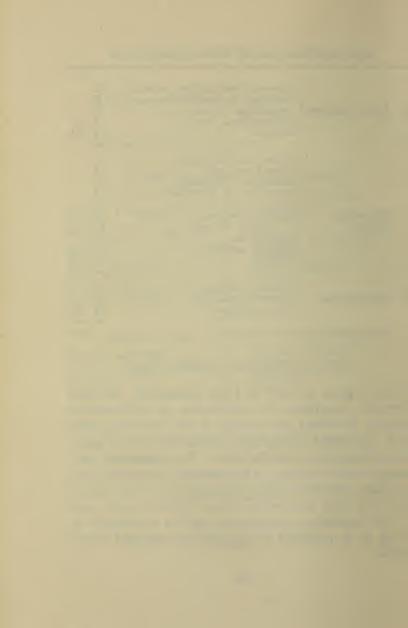
COLLEGE OF PUGET SOUND

(4)	Miscellaneous . Physical	d thesis 24	51
	Total requirements for grad	luation 13	30
	CURRICULUM IN	SOCIAL SUBJECTS	
	Freshman Year	Junior Year	
Hist Math Sc Engl Publ Bible Colle	ign Language 8 ory 6 nematics or Physical 6 ience 8 ish 6 ic Speaking 2 e History 2 ege Problems 1 sical Training 2	Philosophy Ethics Sociology or Economics. Religion Public Speaking Electives 1	3 3 6 4 2 11
	Sophomore Year	Senior Year	
Polit Biolo	ign Language 6 ical Science 6 ogical Science 6	Thesis Education	6 3 4
	tives	Electives 1	$1\overline{7}$
Hicc	tives $\frac{15}{33}$		17 30
Dice	33	1 IN EDUCATION	
	IV. CURRICULUM Leading to the Degree (English 1	1 IN EDUCATION e of Bachelor of Arts , 2 6 language	

	Sociology or economics 6 Psychology 3 Philosophy 1, 3 6 Religion 4	31
ducation {	Education Psychology	
	Observation 3 Practice teaching 5 Thesis 3 —	42
liscellaneous . {	College problems 1 Physical education 2 Free electives 22	25
	$ducation \dots egin{cases} & & & & & & & & & & & & & & & & & & &$	History of Education

PRE-TECHNICAL CURRICULA

The College is able to offer acceptable two-year curricula, consisting of prerequisite or fundamental subjects in liberal arts leading to the following technical curricula: Commerce, Engineering, Forestry, Journalism, Law and Medicine. For suggested program of study leading to Business see Economics and Business Administration. The content of such curricula will vary somewhat, being suited in each case to the particular requirements of the institution in which it is proposed to pursue the technical curriculum.



Courses of Instruction

- 1. Courses of instruction in liberal arts are organized under fifteen departments, which are ordered alphabetically as follows: Ancient Languages, Chemistry, Biological Sciences, Economics and Business Administration, Education, English, History and Government, Home Economics, Mathematics and Astronomy, Modern Languages, Philosophy and Social Sciences, Physics, Psychology, Public Speaking, Religion.
- 2. Courses clearly susceptible to double departmental classification, such as Psychology or Religion or Social Education, are included in only one department, but are acceptable to the department of logical secondary association for major credit on approval of the major professor.
- 3. In the following courses, the odd numbers indicate courses given the first semester, the even numbers, courses given the second. Courses numbered with hyphen (thus 1-2), are full year courses on which a single semester's credit is not given. Courses numbered with comma (thus 7, 8), are year courses, but a single semester's credit may be received.

DEPARTMENT OF ANCIENT LANGUAGES

The aim of this department is to pursue not only a thoro but an appreciative study of time-honored classics of representative Greek and Latin authors. Intensive work in the mastery of forms, vocabulary, and idioms is insisted upon for the sake of the splendid discipline afforded in the acquisition of a highly inflected language; but extensive work in rapid reading and sight reading is pursued thruout all the courses. Readings in contemporaneous social and political life are made to supplement and enliven the translation. Both free and literal translation is required, with emphasis placed on natural reading.

GREEK

- 1-2. Elementary Greek—Thoro drill in fundamentals. Emphasis on rational rather than on merely memoriter methods. Elementary text supplemented with selected readings. Four credits each semester.
- 3. Xenophon: Anabasis—Translation of Book I., and selected passages from Books II., III. and IV. Systematic review of forms and syntax. Prerequisites, Greek 1, 2. Four credits.
- 4. New Testament Greek—Readings from selected books of the New Testament, considered mainly from the linguistic standpoint. Three hours.

LATIN

1-2. Elementary Latin—Course designated for college freshmen who have had no Latin in high school and need Latin as prerequisite or auxiliary or supplementary to other studies. Thoro drill in forms, vocabulary and syntax; translation from Caesar and other easy authors; practice, in composition. Four credits.

- 3, 4. Cicero: Orations—Four Orations against Catiline, For the Poet Archias and For the Manilian Law. For college students. Prerequisite, Latin I. Four credits each semester.
- 5, 6. Vergil: Aeneid—Six books. For college students. Prerequisite, Latin I. Four credits each semester.
- 7. Livy—Books I. and II. or XXI. and XXII. Study of contemporaneous Roman life. Sight reading. Attention to grammar only as needed. Prerequisite, three years Latin. Four hours.
- 8. Horace: Odes and Epodes—Appreciative study of selected poems. Prerequisite, three years Latin. Two hours.

DEPARTMENT OF BIOLOGY

PROFESSOR JAMES R. SLATER

The work of the department of Biology is organized under three distinct subdivisions. (a) Biology, including those courses having a more or less definite biological aim or content. (b) Botany, including those courses dealing with the morphology, physiology, and development of plants. (c) Zoology, including those courses dealing with the anatomy, morphology, physiology and development of animals.

Facilities are available for adequately carrying out the following courses. The laboratories, equipment and supplies are sufficient for the courses offered.

A great range of living conditions within easy access of the college makes it possible to study many land and sea forms of plant and animal life in their natural habitat.

Premedical, preagricultural, and predental students will find the courses offered in biology adequate to meet the requirements of any medical, agricultural, or dental college.

BIOLOGY

1-2. General Biology—This course is devoted to the study of the general laws of life, the fundamental relationships of living things, and those general biological problems which are related to human culture and progress.

Recitations and lectures, 2 hours. Laboratory, 1 double

period.

This course is continuous through the year and can not

be entered the second semester. 3 credits.

3. Nature Study—This course is designed especially for students in the Normal Department. It gives a general view of the biological field, considering plants and animals as found in the field. The beauties of nature are sought in story, poem and field. Methods of presenting scientific truths to children and powers of observation are given due consideration.

Recitations 1 hour., laboratory and field work 2 double

periods.

Required of all Normal students. 3 credits.

 Sanitary Science—An introductory course to the modern problems of sanitation—laws of health, water supply, microbiology, ventilation, food, disposal of sewage, occupational diseases and dangers, etc.

Lectures and recitations 3 hours. Offered on odd years only. 3 credits.

6. Mental Hygiene and Eugenics—A study of the problems of mental physiology, laws of heredity, sex, and racial progress. The questions of responsibility for conduct; mental and nervous defects; crime and delinquency, racial betterment, the relative importance of heredity and environment in the development of the individual, are thoroughly considered. This course gives the sociological aspect of Biology.

Lectures and recitations 3 hours.

Offered every even year only. 3 credits.

BOTANY

- 7. General Elementary Botany—The life history of typical seed plants is followed from the dormant seed through germination and the reawakening of vital processes, its establishment in its soil and light relations, maturation, flowering, fruiting and back again to the seed. 3 credits.
- The Life Histories of Selected Types of Plants-A general 8. survey of the plant kingdom is obtained by a study of selected types from its several subdivisions taken in order from lower to higher types. The life histories of the more common plants are followed through their cycles.

Lectures and recitations 2 hours: laboratory 1 double

period.

Course 8 is continuous through the year, but students may enter either semester. 3 credits.

Agricultural Botany-This is a specialized course similar 10. to the above, designed for the students in the Normal Department, but more time is given to the plants of farm and garden. Diseases and insect pests of plants are considered.

Lectures and recitations 2 hours. Laboratory 1 double

period.

Required of all Normal students. 3 credits.

11. Bacteriology-A general study of microscopic plants causing disease and decay, as well as some beneficial bacteria.

Recitations and lectures 2 hours. Laboratory 1 double

period.

Offered every even year. 3 credits.

12. Plant Physiology-The physiology of nutrition, growth, reproduction, and the responsive behavior of plant organs to the factors of their environment. The production of food, respiration, transpiration, and other metabolic processes are worked out.

The practice in manipulation incident to performing the experiments required in this course is of special value

to those who are preparing to teach botany.

Lectures and recitations 1 hour. Laboratory 2 double periods.

Prerequisite: One course in botany. Offered even years only. 3 credits.

ZOOLOGY

14. Comparative Anatomy of Vertebrates—The morphology of vertebrates is given in a study of the more important changes that take place in the several organ systems, in the five classes of vertebrates. This course should be taken by all premedical students and others wishing advanced knowledge of the higher animals.

Prerequisites: Biology 1.

Lectures and recitations 2 hours. Laboratory 1 or 2 double periods.

Offered odd years only. 3 or 4 credits.

15. Physiology and Hygiene—A course dealing with the fundamentals of physiological processes, the correlation and interdependence of structure and function as applied to the human body. The principles of hygiene applying to the same is given due emphasis.

This course meets the requirements for those preparing for medical college and Normal students.

Lectures and recitations 2 hours. Laboratory 2 double periods. 4 credits.

DEPARTMENT OF CHEMISTRY

PROFESSOR RANSOM HARVEY

ASSOCIATE PROFESSOR T. E. DUNLAP

The aim of the chemistry courses is to familiarize the student with the various working principles of the subject rather than to give him a detailed technical knowledge of its many ramifications. Four years of chemistry are offered, so that a student may gain a working knowledge of the modern scientific methods and apparatus within the field of chemistry, and may be able to pursue with success the technical work in advanced courses of medicine, pharmacy, engineering and kindred subjects. Care is also taken to provide for those students who desire to study chemistry for the cultural value and to meet the problems of ordinary life. Students are introduced into modern methods of research and are required to keep a neat and accurate record of work done in the laboratory.

- 1, 2. General Inorganic Chemistry—The properties, preparation and uses of the principal elements, and the fundamental laws of the science. Problems in Stoichiometry will be introduced. The non-metallic elements will be largely covered in the first semester and the metals the second. A number of simple quantitative experiments have been introduced in the laboratory work in order to teach accurate manipulation. This course is designed for those who have completed high school chemistry. Prerequisite, elementary chemistry or physics. Two lectures and two laboratory periods per week. (Laboratory periods are three hours in length, the last hour being used to write up notes.) Four credits each semester.
 - Qualitative Analysis—The composition of various inorganic substances will be determined and the properties of the common elements, by which they can be recognized, will be studied. This is largely a laboratory course under the personal supervision of the instructor. The metals are first tested and the reactions of known substances studied. Then the student is required to detect metals of the various groups in unknown solutions. The same work is then applied to the groups of acid radicals. Texts: Noyes' "Qualitative Analysis." Prerequisite, Chemistry 1, 2. Four periods per week with occasional lectures. Four credits. Not given 1920-21.

- 4. Quantitative Analysis—This course follows Chemistry 3. The student will become familiar with gravimetric and volumetric analysis. Problems in Stoichiometry will bring out the practical applications of these methods to industrial chemistry. Prerequisite, Chemistry 1, 2. One lecture, three laboratory periods. Four credits. Not given 1920-21.
- 5, 6. Organic Chemistry—General study of the principal aliphatic and aromatic hydrocarbons and their derivatives. The laws of synthesis and replacement are carefully studied. The commercial applications are brought out and trips are taken to various manufacturing plants in the city. Laboratory work will include the preparation and tests of the properties of various typical compounds. Prerequisite, Chemistry 1 and 2, or Chemistry 11 and 12. Three lectures and two laboratory periods per week throughout the year. Five credits each semester. Required of students majoring in home economics.

7. Food Analysis—A laboratory course designed for upper classmen. The commercial methods of analysis of food will be studied and worked out in the laboratory. Different food products of the city will be analyzed for their normal food values and adulterants. Prerequisite, Chemistry 5 and 6. Three laboratory periods per week with

occasional consultations. Three credits.

8. Physiological Chemistry—The study of the chemistry of metabolism, and the composition and functions of the various tissues and fluids of the body. This course may be taken with or without laboratory work. Prerequisite, Chemistry 5.6. Three or five credits.

Research—There are several problems waiting for solution. The laboratory is open to anyone with Junior standing who wishes to do original research. Hours and

credit will be arranged by the instructor.

10. Everyman's Chemistry—A course designed for upper classmen who are majoring in other curricula than the scientific, and wish a general survey course of the field of Chemistry. This course gives a general knowledge of the practical parts of both inorganic and organic chemistry in such an elementary way that no previous scientific training is required to enter the class. Two lectures or demonstration periods per week. Two credits. No laboratory fee is charged in this course.

11, 12. Elementary Chemistry—A complete study of inorganic chemistry similar to Chemistry 1, 2 in content but designed for those who have not studied the subject in high school. Three lectures and two laboratory periods per week throughout the year. Four credits.

DEPARTMENT OF ECONOMICS AND BUSINESS ADMINSTRATION

This department offers a well-rounded, four-year course of training for entry into the business world. Students who contemplate preparing for business are warned, however, against undue specialization in the practical courses of this department. The position of the business man in commercial circles today demands that he shall have acquired a broad education in the liberal arts, as well as a thoro training in the principles and practices of business. To that end, students in business are advised to elect courses in the cultural fields of philosophy, literature and religion, in the disciplinary fields of mathematics and the natural sciences, and in the informational fields of history, political science and sociology. On the other hand, the courses in the department of economics and business are fundamental and essential for students in any department of specialization. They are valuable for the information they give, the mental training they compel, and for the crystalization of thought and attitude which they achieve in molding the student's opinion on matters of public and private interest.

A SUGGESTED CURRICULUM IN BUSINESS ADMINISTRATION

1st Year

1ST SEMESTER

English French or Spanish

Theoretical Economics
Political Science
Physical Education
College Problems

2ND SEMESTER

English French or Spanish

Practical Economics American Government Physical Education

2nd Year

1ST SEMESTER

English French or Spanish

Geography of Commerce Marketing

Comparative Government

2ND SEMESTER

English French or Spanish

Economic History of U. S. Transportation

Political Problems

3rd Year

1ST SEMESTER

Journalism
Commercial French or
Commercial Spanish
Argumentation
Money and Banking
Investment Mathematics

2ND SEMESTER

Editing
Commercial French or
Commercial Spanish
Argumentation
Corporation Finance
Investment Mathematics

4th Year

1ST SEMESTER

Thesis
Ethics
Sociology
Business Law
Accounting, I.

2ND SEMESTER

Ethics Sociology Economic Theory Industrial Problems Accounting, II. The catalogue arrangement gives the preferred sequence of courses.

- 1. Theoretical Economics—Introduces the student to the foundational principles of economic theory, as a basis for future study in the field of business organization and administration. Covers the ground of consumption, production, exchange and distribution of wealth, taking up such practical problems as money and banking, international trade, labor problems, transportation, insurance, etc. 3 credits.
- 2. Practical Economics—A general introductory view of the field of business, taking up the basal characteristics and environment of business, forms of business enterprise, financing principles, management, wage systems and employee relations, purchasing, advertising, selling, traffic, credit, etc. The practical informational value of this course should appeal to all students, both men and women. 3 credits.
- 8. Geography of Commerce—A study of the leading industrial and commercial activities of the great nations, with special reference to the United States. The physical conditions which influence the production of raw materials, the development of manufactures, the laying out of routes of trade, and the location of markets are considered. Emphasis is placed on the production and distribution of the materials entering into the necessities of life, food, clothing and shelter. 3 credits.
 - Economic History of the United States—A study of the economic development of this country forms the basis for an effectual comprehension of our national history and present national character. This course will cover the territorial expansion of the country, immigration and population increases, the westward movement and its economic and political results, federal land policies, the development of transportation and railway regulation, the development of manufacturing and commerce, the trend of tariff policy, the concentration of capital and formation and regulation of trusts, etc. 3 credits.

- 5. Marketing—A summary study of the problems involved in the distribution of manufactured products, including such topics as, market analysis, marketing organizations and methods, advertising campaigns, price problems, private brands, development of retail merchandising, etc. 3 credits.
 - Text book: "The Economics of Retailing," Nystrom.
- 6. Transportation—A study of the principles and practical problems of transportation, almost exclusively of the railway systems of this country. The course will include the development of transportation in the United States, the internal administrative and service organizations of the railroads, the principles of railway financing, earnings, expenses and dividends, the practical operation of passenger, freight, express, mail and pullman services, inter-railway relations, problems of state regulation of public service corporations, etc. 3 credits.
- 7. Money and Banking—The first few weeks will be devoted to a study of monetary theories and standards, and the development of our present monetary system. Then the course will change to one in banking, and will cover the subjects of banking history, the organization and functions of the modern bank, administration, deposits and depositors, the clearing house, foreign and domestic exchange, loans and discounts, routine practices, bank supervision, foreign banking systems and the Federal Reserve System of this country. 3 credits.
- 8. Corporation Finance—A study of business finance, including the principles of financing, forms of business enterprise with special study of the corporate form, bases of capitalization, promotion, sale of securities, underwriting practices, internal financial management, capital fund investment, working capital calculations, net income determination, dividends and surplus, and the financial involvements of business enterprises. 3 credits.
- 9, 10. Mathematics of Investment—Same as Mathematics 8 and 9. 4 credits.
- 11. Business Law—A study of the essentials of commercial law, covering the topics of contracts, agency, partnerships, corporations, personal and real property, bailments, sales, mortgages, leases, suretyship, guaranty, insurance, intestate law. 3 credits.

- 12. Industrial Problems—The aim of this course is to develope in the student an attitude of mind toward the current industrial situation which will be safe and sane, and at the same time open, thoughtful and sympathetic. The study will cover the causes of industrial unrest, organizations of labor and of capital, the philosophy and weapons of the industrial conflict, state regulation of industrial conditions, methods of conciliation and arbitration, and, finally, a study of the recent development in the industrial field, such as the work of the mediation commissions, the program of British Labor Party, and labor interests in the processes of reconstruction. 3 credits.
- 14. Historical Development of Economic Theory—An advanced course in economic theory for seniors who have specialized in business administration. Lectures, assigned readings, reports and discussions on the writing of the leading economists. The general divisions of the course will be (a) economic ideas of antiquity, (b) of mediaeval times; (c) the mercantilist and (d) physiocratic systems; (e) precursors of Adam Smith; (f) the English classical school; (g) the German historical school; (h) the Austrian school; (i) contemporary economists. 3 credits.
- 19. Accounting, I.—A study of the foundational principles and technique of accountancy. Theories of debit and credit. Classification of accounts. Underlying principles of the various accounting records. Simpler problems of the balance sheet and income statement. Controlling accounts. Handling of purchases and sales. Consignments. Inventories and stock records. Related topics. Continual practice in the actual construction of accounts will be the method followed, supplemented by lectures and discussions of the principles of accountancy. 3 credits. Not given in 1920-21.
- 20. Accountancy, II.—A continuation of course 19, which stands as a prerequisite to this course. 3 credits.

DEPARTMENT OF EDUCATION PROFESSOR FREDRIK L. GJESDAHL

FLORENCE SWARTZ Instructor in Art

PROFESSOR CLAYTON JOHNSON Instructor in Normal Music

The aim and scope of this department is two fold: First, to acquaint the student with the principal types of mental behavior in relation to efficient learning and teaching; second, to offer practical preparation for teaching in the grades and in the high school.

To meet the increasing demand of school boards and school superintendents for teachers holding college diplomas, and to give an opportunity for teachers in the grades, or other persons, to prepare themselves for teaching in the high schools, and for other advanced positions in school work, such as principalships and superintendencies, a four-year College Course, leading to the degree of Bachelor of Arts, is maintained. This course is especially fitting for any one expecting to do educational work in any field or for acquiring a broader culture and better professional attainment.

THE NORMAL TRAINING COURSE.—The department provides a Normal Training Course leading to a Normal School Elementary Diploma. This course

covers a period of two years and is very similar to the regular two-year course of our State Normal Schools. The course is designed to meet the needs of those students who are preparing to teach in the grades.

The Normal Course is very closely related to the regular baccalaureate courses of the College. The major quota of strictly Normal Training subjects is supplemented with pertinent subjects from other departments, thus effecting a happy combination of practical preparation for teaching and of closely correlated liberal arts courses. Also the prospective teacher can secure her preparation in the broadening and stimulating environment of college life. The literary and social activities of the College are open to the students of this department.

Admission to the Normal Training Course as outlined below is based upon graduation from an accredited high school or its equivalent.

OUTLINE OF COURSE

I	First	Year
First Semester		Second Semester
Psychology	3	History of Education 3
Principles of Teaching	3	Observation 2
Nature Study	3	Agricultural Botany 3
Normal Art	2	Normal Art 2
Methods in Language*	2	Methods in History* 2
English	3	Calisthenics 1
History (or elective)	3	English 3
0.00		History (or elective) 3
	19	_
		19

Second Year

First Semester		Second Semester
Practice Teaching Normal Art Normal Music Methods in Geography* Physiology and Hygiene Oral Expression Sociology (or elective)	3 2 2 2 4 3 3 -	Practice Teaching 2 Normal Art 2 Normal Music 2 Methods in Arithmetic* 2 Child Psychology 3 Oral Expression 3 Observation 1 State Manual 1 Sociology (or elective) 3

N. B.—*Courses in special methods are differentiated for primary, intermediate and grammar grades. Also the choice of one of these divisions for specialization will determine the grades for observation and practice teaching courses.

TRAINING SCHOOL

The training school is an important part of the Normal Training Department. There the teacher-in-training is given the opportunity of gaining practical experience in solving various problems which will confront her when she takes charge of a schoolroom.

It is obvious that the nearer the training school can approach the actual conditions of the public school, the better it will serve the purpose of preparing student-teachers for their work. Practice teaching is done under these conditions. The value to the student of thus securing a complete plant for its training work is very great; but the value of being able to offer them facilities for observation and practice teaching under real public school conditions cannot

be over estimated. There are no special, selected classes of pupils and no artificial environment of any sort. The teacher-in-training meets the same conditions that she will face when she takes up her work after graduation.

In their training school work the students first observe the work of skilled teachers, and then are placed in charge of a class and held responsible for the discipline and instruction under special supervision. Criticisms and methods are offered which are suggestive and helpful. Students in their courses will be given the opportunity of teaching their respective specialties.

CERTIFICATION.—The Normal Training Department (Department of Education) of the College of Puget Sound is accredited by the State Board of Education, and students who are awarded diplomas from the College receive from the State Board of Education a diploma authorizing the holder to teach in the common schools of the State for a period of five years. On satisfactory evidence of having taught successfully three years such diploma will be converted into a life diploma.

The State law requires that twelve semester hours of professional study in an accredited institution be required of college graduates to receive teacher's certificate on the basis of collegiate study. In application of this law six groups of subjects in Education have been made by the Superintendent of Public Instruction with the ruling that the twelve credits must be divided among four groups and that no less than three credits may be accepted from any one group.

The six groups are as follows:

GROUP 1.—Science of Education—
Science of Education
Philosophy of Education
Principles of Education
Educational Psychology
Theory and Art of Teaching

GROUP 2.—History of Education—
General History of Education
History of Education in the United States
History of Special Phases or Periods including
Educational Classics
Rural Schools, Industrial Schools
Secondary Schools
Elementary Schools

GROUP 3.—Childhood and Adolescence—
General Course in Child Study
Genetic Psychology
Adolescence

GROUP 4.—School Administration—
Organization
Supervision
Secondary Education
Administration
Management
Elementary Education
Kindergarten

GROUP 5.—Methods—
General Methods
Observation and Practice Teaching under competent supervision
Cadet Teaching under competent supervision

GROUP 6.—Educational Sociology—

Social Foundations of Education
Social Foundations of the School System
Social Aspects of Education
Social Principles of Education
Educational Sociology
The School and Society
Social Education

In lieu of part or all of the required twelve credits as specified applicants for a certificate may be examned in four of the six groups.

Unless the prospective teacher prefers to take the State examination covering the required professional training and thus be able to devote all of his electives to other subjects, he is advised to consult the nead of the Department of Education and arrange to include the twelve hours of acceptable professional study in his electives.

TEACHERS' BUREAU

Thoroly trained teachers are in demand in all the pest schools of Washington. Many boards of education will employ no others. There is a rapidly increasing demand upon the normal schools and colleges for such teachers. To meet this demand more effectively the College of Puget Sound maintains a teacher's bureau, whose purposes are to assist its students and alumni in securing suitable positions, and to aid school officers in selecting efficient teachers. Great care is taken to recommend for any position

only such as are considered entirely competent and well suited for the particular work. The bureau cannot bind itself to procure positions, still it is ready to do everything possible to see that students are located where they can be of service to the state. All correspondence should be addressed to the Secretary of the Teachers' Bureau, College of Puget Sound.

EDUCATION

- Principles of Teaching—This course deals with the practical problems and methods of the teacher in the management of the school and classroom practice. It aims to formulate a body of principles derived from psychology, the course of study, and classroom practice. Three credits.
- History of Education—A study of educational theory and practice in their course of development from the stage of primitive man to the present, including the characteristics, significance and results of Oriental, Greek, Roman, Medieval and Modern education. Three credits.
- 3. Practice Teaching in Elementary Grades—Experience in class instruction and schoolroom management under actual school conditions, directed by an experienced supervisor. Teaching schedule as arranged by head of the department and principal of the training school. Prerequisites Education 2 and 3. Five credits.
- Observation—Systematic visits of inspection to city and rural schools; reports and discussions of data gathered in observation. Two credits in second semester of freshman year; one credit second semester of sophomore year.
- 5, 6, 7, 8. Methods in Language, History, Geography and Arithmetic—The course presents the most approved modern methods of presenting these subjects in the elementary school. Methods are differentiated for the primary, intermediate and grammar grades. One subject each semester is presented in the order named. Two credits each semester.

School Manual-A study of the State Manual, embracing 9. the School Code of the State of Washington, the State Constitution and leading facts in the history of Washington and the Northwest. The State examination is taken. One credit.

10. Calisthenics-Breathing, posture, carriage and exercise for the sake of health and grace. Drills and exercises and suitable musical accompaniments for use in the

schoolroom and gymnasium. One credit.

11, 12. Normal Music-A course designed to prepare prospective teachers for giving instruction in singing in the public schools. Two credits each semester.

13, 14, 15, 16.—Normal Art—The aim of this course is to prepare students for teaching art in the elementary grades. During the first year (courses 13, 14) work in the following crafts is taken up: Weaving, paper cutting, paper construction, knotting, clay modeling, interior decoration, the making of a doll-house and furniture, stitchery, costume design paper dolls, simple designs, stick printing, object drawing and perspective, nature drawing and painting and work for special days.

The second year (courses 15, 16) is devoted to a study of design. The principles of design and color are taught. Designs are worked out in charcoal and water color, and are adapted to definite problems suitable for the upper grades, such as stenciling, block printing, painting wood, tooled leather, needle work, posters, etc. Some time is

also given to simple basketry.

Four hours laboratory per week. Two credits each

semester.

17. Secondary Education-A study of the most approved modern methods of instruction in high school and other secondary school classes. Elective for Liberal Arts

juniors and seniors. Two credits.

Social Education—The school as a social factor in its relation to the home, the church, and the state; the relation of education to child labor, vocation and crime; the school as a community center; the social composition of the student- and teaching-populations; educational extension. Elective for juniors and seniors. Three credits. First Semester.

For courses in educational psychology, see the Department

of Psychology.

DEPARTMENT OF ENGLISH

The aim of the following courses in English is twofold: To instill in the mind of the student the love of good literature, and to teach him how to express his own thoughts in clear, concise language.

- 1, 2. Rhetoric—Short daily themes. Five long themes or present day problems. Talks by members of class on practical subjects. Personal criticism. Three credits each semester.
- 3, 4. Introduction to World Literature—Lecture course covering the following points: (a) World Bibles—Holy Bible, Ancient Classical Epic and Tragedy, Shakespeare, Dante and Milton, the Faust Legend; (b) Technical principles of Epic, Lyric, Drama, with a study of representative Epics, Lyrics and Dramas. Selected reading courses. One long term paper and one lecture required of each student. Three credits each semester.
- The Development of English Prose—Special emphasis on the writers of the eighteenth and nineteenth centuries. Three credits. First Semester.
- Journalism—With a modern text book as a basis, this course seeks to familiarize the student with the actual work of reporting. Experience in gathering, writing, and reporting news will be required. Three credits.
- 7. British Poets of the Nineteenth Century—A study of representative writings of the leading poets of the Nineteenth Century. Three credits.
- 8. Literary Study of the Bible—The Bible will be taken up and studied as a literary product. The quality of its narrative, the adaptation of style to purpose, the strength of realism, will be observed. An effort is also made to estimate the effect of the Bible on the English language. Two credits.

- 9. Editing—This course combines the theory of editing with actual experience, as gained both in connection with the papers of the city and with the student publications of the College. A text book is used as a basis for the class room work, but laboratory and research are also required. Three credits.
- 12. Ibsen—Plays studied in class: Brand, Peer Gynt, Emperor and Galilean, Hedda Gabler, An Enemy of the People, Rosmersholm, Pillars of Society. Remaining plays to be read outside of class. Special attention given to the study of philosophic problems presented in the dramas. Three credits.
- 13. The Short Story—A study of representative and striking short stories is made, special emphasis being placed on plot and development. A text is used in which the elements of short story writing are detailed. The class is required to produce and criticise original stories during the progress of the course. Three credits.
- 14. Appreciation of the Drama—The five elements of the drama, the exposition, development, climax, denouement, and conclusion, will be examined as they appear in the works of such authors as Ibsen, Wilde, Kennedy, Parker, and others of the more modern dramatists. Each student is given a special author or a single drama as a final study in research, and will report his findings to the class. Three credits.
- 15. Writing the Drama—With a text book as guide, and after a study of the technical features of many of the great dramas, the student is required, under the direction of the instructor, to produce in manuscript form an original drama. Three credits.



DEPARTMENT OF HISTORY AND GOVERNMENT

PROF. WALTER S. DAVIS

I. HISTORY

The field of History is as wide as human life, interests, and sympathy. Among the chief values and aims of the study of History are:

- a. To acquaint students with the general course of the main stream of human history from earliest times to the present.
- b. For general culture as a part of a liberal education.
- c. For the lessons valuable in the solution of problems arising in the life of nations today.
- d. The study of History is of high value to students of other social sciences, Political Science, Economics, Sociology, Ethics, and International Law.
- e. The study of History has a practical value for students choosing as a life work the law, diplomacy, journalism, the civil service, business, or teaching.
- 1, 2. Modern European History—A general course from 1500 A. D. to the present. Beginning with a review of the chief events of Ancient and Medieval times, a detailed study is made of the chief events, forces, and men of modern Europe. Three hours, each semester.
- 3, 4. American History—A study of the Civil War and Reconstruction periods from 1860 to 1877. The course will begin with a study of the life of President Lincoln and of the causes of the Civil War. Comparison with the World War. Three credits. Each semester. For Juniors and Seniors.
- 5, 6. American History—A study of the history of the United States from 1877 to the present. The work of the first semester will deal with the closing years of the 19th century, the work of the second semester with the 20th century. Three credits.

II. GOVERNMENT AND AMERICAN CITIZENSHIP

Of the five great institutions of human society, the Family, the State, the Church, the School and Industry, Government or Political Science deals with the State. The period of the Great War has emphasized the need of a deeper patriotism and a wider knowledge of our American institutions and government on the part of the American people. There is a nation-wide demand for Americanization work among those of our fellow citizens of foreign birth and lineage. Below is outlined three years of work in this Department.

The work of the department of Government is intended to give students both a theoretical and practical knowledge of the various forms of American government, township, county, municipal, state, and national, together with comparative national and international government.

- 1. (a) History of the Constitution of the United States—
 An intensive study of the period 1781-89, the period of the framing and ratification of the Constitution. Text guides: Bancroft's History of the Constitution, Fiske's "Critical Period of American History," and Madison's "Journal of the Philadelphia Convention."
 - (b) History of American Political Parties and of Presidential Elections—Texts: Woodburn's "Political Parties and Party Problems in the United States," and Stanwood's "History of the Presidency."

Courses (a) and (b) constitute an elective for Sopho-

mores, Juniors and Seniors. Three credits.

- 2. Political Questions of Today—A study of such questions as the Direct and Presidential Primary, the Presidential election, the Short Ballot, Initiative Referendum and Recall, Woman Suffrage, Immigration, Desirable Amendments to the Constitution of the United States, The Monroe Doctrine and Americanism, Preparedness and Military Training, The League of Nations and American Participation in World Affairs, Retention of the Philippine Islands, Trust Regulation, Municipal Ownership, Home Rule for Cities and Problems of City Government. Two credits.
- 3. Comparative National Government—A comparison of the legislative, executive and judicial branches, constitutions, political parties and practical workings of the governments of leading European nations with those of the United States. In the latter part of the course special emphasis is laid on a study of the Presidency, Congress, and the Federal Judiciary of the United States. Three credits.
- 4. International Law and History of American Diplomacy—A study of the covenants of nations, of the sanctions of international law, and of the tendencies to international agreements in matters affecting the well being of the world. Three credits.
- 5. Civil Government and History of the State of Washington—A study of township, county, city and state government of our own State, together with the history of the State. Two hours.
- Municipal Government—A study of American city government, historically and practically considered. Three credits.

DEPARTMENT OF HOME ECONOMICS ASSOCIATE PROFESSOR FLORENCE W. SWARTZ

The following schedule of courses will serve to indicate the preferable selection of work for students in the Department.

Students in the Department of Home Economics are advised to elect English Literature, Public Speaking, French, History, Education, and further courses in Home Economics and Science.

Suggested Curriculum in Home Economics:

Freshman Year		Sophomore Year	
English Foreign Language Chemistry Biological Science Religion Public Speaking College Problems Physical Training	8 8 6 2 2 1	Foreign Language Chemistry (Organic) Psychology Economics Electives	10 3 3

Junior Year

First Semester	Second Semester
Elementary Foods 3 Clothing & Textiles 3 Normal Art (Principles	Food selection and pre- paration
of Design)	Applied Art
17	Education (or elective) 3

Senior Year

First Semester Special Food Problems Dressmaking Electives	3		3
	15	21000100	15

- 1. Foods (Elementary)—Composition, nutritive value, and place in diet of food-materials. Principles and technique of cookery processes. Prerequisite or parallel, general chemistry. One lecture and two laboratories per week. Fee \$4. Three credits. (Students having had one year of High School cooking may omit this course.)
- 2. Food Selection and Preparation—Marketing, costs, tests and legislation. Menu planning, preparation and serving of meals for the family group. Prerequisite H. E. 1. One lecture and two laboratories per week. Fee \$6. Three credits. (Students having had two years of High School cooking may omit this course.)
- 3. Special Food Problems—Food preservation, conservation and economy. Quantity cookery for special groups—school lunches, catering, study of local institutions. Prerequisites H. E. 1 and 2, or two years High School cooking. One lecture and two laboratories per week. Fee \$4. Three credits.
- 4. Dietetics—Study of human metabolism in health and disease. Infant feeding, special dietaries, invalid cookery. Prerequisite, Organic Chemistry, physiology and bacteriology. Two lectures and one laboratory per week. Fee \$4.00. Three credits.
- 5, 6. Clothing and Textiles—Principles of hand and machine sewing. Study of factory-made garments. Examination of textile fibers and materials used. Construction of simple garments. Design, suitability and hygiene of clothing and household textiles. One lecture and two laboratories per week. Fee \$2.00. Three credits each semester. (Students having had one year of sewing in High School may omit sewing laboratory. (2 credits.)

- 7,8. Dressmaking—Costume design, modification of commercial patterns, free-hand pattern cutting and draping. Drafting of one simple pattern. Prerequisites, design, H. E. 5 and 6, or two years of sewing in High School. Renovation, dyeing and remodeling of clothing. Laundry, removal of stains and care of clothing and textiles. Shopping, budgets, etc. One lecture and two laboratories per week. Fee \$1.50 per semester. Three credits per semester. (Students having had two years of sewing in High School may omit H. E. VII.)
- Applied Design—Principles of design and color applied to costume design and interior decoration. Original designs will be worked out in embroidery, basketry, painted wood, etc. Two laboratories per week. Fee \$2.00. Two credits.
- 10. House-Planning and Interior Decorating—Prerequisite, S. and E. 9. Appreciation of Art and Architecture. Critical study of modern domestic artchitecture with special emphasis on homes for moderate incomes. Laboratory practice in planning homes adapted to special conditions, as, type of family, location, climate, materials available and cost. Detailed plans will be made for an original home for a type family at a given cost. A portfolio will be made from drawings and material collected from magazines. Required for all Home Economics Majors. Elective to all students and outsiders. One lecture and two laboratories per week. Fee \$1.00 Given every odd year. Three credits.
- 11. Home Furnishing—Continuation of course in Home Planning. The aim of the course is to develop a finer appreciation in decoration and furnishing the home supported by a moderate income. Harmony and unity as related to interior decoration and in selection of rugs, hangings, furniture and pictures, from the subject matter of the course. An actual room will be furnished by the handiwork of the class at a minimum cost. A program for furnishing the home planned in the preceding course will be made with reference to a given cost. A portfolio of sketches and pictures of interiors, samples, etc., will be made. One lecture and two laboratories per week. Fee \$1.00. Given every even year. Three credits.

DEPARTMENT OF MATHEMATICS AND ASTRONOMY

PROFESSOR FRANCIS W. HANAWALT MATHEMATICS

The following courses are framed with two objects in view: The one, to present Mathematics as a culture branch in extending the field of general knowledge; the other to prepare for technical courses in Physics, Astronomy, Engineering, etc. To express thought clearly in symbolical language or in geometrical form, or vice versa, will be our constant endeavor. The practical application of principles will not be neglected.

- 1. Solid Geometry—The ordinary course given in Geometry of three dimensions, including the sphere. This course is necessary in order to pursue Courses 3 and 4 to advantage. College credit will be given to those not needing it for college entrance, but it is not to be substituted for any of the required mathematics. Prerequisite, Plane Geometry and Elementary Algebra. Four hours. First or second semester.
- 3, 4. Elementary Mathematical Analysis The fundamental principles of elementary algebra and geometry will be reviewed. The subjects of college algebra and trigonometry, together with analysis, will be presented in correlated form. Graphs, the idea of function, linear, quadratic, cubic, etc.; logarithms, trigonometric formulas and their use in solution of plane and spherical triangles, and their application to dihedral angles of common solids, and to practical problems in heights and distances as a basis for surveying and astronomy. General work with graphs in implicit functions, derivatives, maxima and minima; algebraic methods in general, permutations, combinations, probabilities, binomial theorem, determinants, limits, convergent series. Some laboratory work will be given. Freshman prescrip-

- tion (see 9, 10). Prerequisite, three semesters of algebra and of geometry. A continuous course for the year. Four credits each semester.
- course in mathematical analysis, the subjects being correlated. Both Cartesian and polar coordinates are used in presenting the ordinary material covering the line and conic sections. The derivative is used in connection with tangents, the general equation of the second degree and some higher degree curves will be analyzed. Fuller treatment of maxima and minima than in courses 3 and 4 will be employed. The early introduction of the integral calculus is a feature. The needs of those contemplating engineering courses will be kept in mind. For sophomores in Science. Prerequisite, Mathematics 3, 4. Four credits each semester.
 - Surveying—This course includes both recitation and field work; theory of U. S. land surveying; general work with chain, steel tape and transit; leveling grades for streets, sewers, etc.; establishing north and south line from stars; keeping field notes; computation; a course in line with engineering work. Prerequisite, Mathematics 1, 3, 4. Four credits.
 - Theory of Equations—A study of the properties of the general equation with graphical methods. Sturm's method of location, Horner's method of approximation, general solution of cubic and biquadratic. Prerequisite, Mathematics 3, 4. Three credits.
- mentary algebra will be reviewed. Quadratics, graphical representation, binomial theorem, progressions, combinations, probabilities, logarithms, series will be studied as preliminary to the work in investments. In this subject will be given the underlying principles of compound interest, annuities, amortization, bonds, sinking funds, depreciation, building and loan associations, some problems in life insurance. The course is adapted to present day needs of students in commerce and public affairs. Elective for freshmen in Language and Social Subjects, optional with courses 3 and 4. Prerequisite, elementary algebra and geometry. A continuous course for the year. Four credits each semester. Offered 1920-21.

- 11. Engineering Drawing—Use of instruments, freehand lettering, tracing. Two three-hour laboratory periods. Two credits.
- 12. Engineering Drawing and Descriptive Geometry—Practical problems, principle of projection, perspective shades and shadows. Two recitations and two three-hour laboratory periods. Prerequisite, courses 1, 11. Four credits.

14. Navigation—Four credits. Prerequisites, Mathematics 1, 3, 4, and Astronomy.

(NOTE:—Other elective courses may be arranged with proper prerequisites as History of Mathematics, Projective Geometry, or other desirable courses.)

ASTRONOMY

Astronomy is one of the branches of applied mathematics. A clear idea of spherical geometry is needed even in an elementary course, and spherical trigonometry is needed more and more as one advances. In astronomical mythology, biography and history a wealth of material is found to make this science very interesting.

- 2. Descriptive Astronomy—An elementary course whose purpose is to give the student a conception of the solar system and stellar heavens; attention will be given to the constellations and current celestial phenomena; observation with the 4½-inch equatorial telescope. Prerequisite, Elementary Algebra, Geometry and Physics. Three or four credits.
- 3, 4. General Astronomy Practical observations with the naked eye and equatorial telescope (Alvan G. Clark's Sons) star charting, tracing courses of planets, use of nautical almanae, calculation of suitable problems introductory to Practical Astronomy; supplementary laboratory work in connection with Young's Manual of Astronomy. Prerequisite, Mathematics 3, 4 and Elementary Physics. A continuous course for the year. Three credits each semester.

6. History of Astronomy—Two or three credits, second semester. Prerequisite, Astronomy 2 or 3 and 4.

DEPARTMENT OF MODERN LANGUAGES

PROFESSOR ANNA H. CRAPSER PROFESSOR CHARLES A. ROBBINS

The elementary and intermediate courses are intended to give a practical and accurate knowledge of the elements of grammar, composition, and reading of ordinary difficulty. The advanced courses aim at a more thorough knowledge of the language and literature as a medium of communication and as a treasure house of scientific, theological and literary material. Stress is laid upon the acquisition of a correct pronunciation. The department offers majors in language study; however, a student majoring in a single language would do well to elect some work in the other languages of the department.

FRENCH

- 1-2. Elementary French—Especial attention is given to phonetics and accurate pronunciation, and to drill in grammar as a solid foundation for further work. Practice in dictation, sight reading, memory drill, composition, conversation and enough reading of easy texts to equip the student to read French for pleasure. Throughout the year. Three credits.
- 3, 4. Intermediate French—Advanced composition and grammar, idioms and irregular verbs. Reading of modern French prose, plays, and poetry. Conversation based on texts read, and themes in French required. Collateral reading selected from French short stories. Throughout the year. Three credits.

- 5, 6. History of French Literature—Text, and readings from representative works of different periods. Technical French for students desiring such for research work. Anthology of prose and poetry. Prerequisite, French 3-4. Throughout the year. Three credits.
- 7,8. Social Teachings of French Literature—Selections from Victor Hugo's "Notre Dame de Paris" re dogmas; "Travailleurs de Mer" re things; "Les Miserables" re law. Collateral reading to discover need for reform in social conditions; in justice; in armies; in class and sex conditions; the working classes and the condition of the French girl and woman, from such writers as de Vigny, France, Brieux, Balzac, Renan, Tinayre, Audoux, Sand, Bazin, Barres, etc. Throughout the year. (Not given in 1920-21.) Three credits.

GERMAN

- 1-2. Elementary German—Grammar, stage pronunciation, composition, and easy graded reading. Throughout the year. Four credits.
- 3, 4. Intermediate German—Selections from classical and modern literature, advanced grammar and composition. Reading from scientific literature will be given any desiring it. Throughout the year. Three credits.
- 5, 6. History of German Literature—Advanced reading from prose and poetry of different periods. Throughout the year. Two credits.

SPANISH

- 1-2. Elementary Spanish—The essentials of Spanish grammar. Careful drill in pronunciation, reading, conversation and writing. Throughout the year. Four credits.
- 3,4. Advanced Spanish—Reading from various authors, advanced grammar and composition. Conversation and themes in Spanish. Throughout the year. Three credits.
- 5, 6. Commercial Spanish—A business vocabulary and a know-ledge of business forms is acquired. Letter writing, reading of magazines, and periodicals, and the study of trade relations with Spanish speaking countries. Three credits.

DEPARTMENT OF PHILOSOPHY AND SOCIOLOGY

PROFESSOR GEORGIA RENEAU PHILOSOPHY

Philosophy is an attempt to present or conceive a systematic view of the universe. Such an inquiry may be divided into a few ultimate problems. Metaphysics, or the examination of reality, gives rise to two questions, Ontology and Cosmology. The Ontological problem presents the question: What is reality? The Cosmological problem asks: What conception shall we form of the connection among all things? The Epistemological problem presents two questions: What is knowledge? What is the origin of knowledge? Ethics deals with problems of conduct. Aesthetics is the science of the beautiful, especially as this is worked out in the fine arts.

The purpose of the courses outlined below is to give the student a broad, general view of the great movements in Philosophy from the time of its origin among the Greeks up to the present day; to give him a sense of familiarity with the various Philosophical problems and to connect these up, as nearly as may be, with his practical life.

1. History of Philosophy—In this course the growth of man's power to formulate the universe is traced through Greek Philosophy, the Middles Ages and Modern Philosophy. A textbook and an outline are used for class work and the student is required to read 500 pages of Philosophy as additional outside work. Three credits. First semester.

- 3. Ethics—Class work includes a historical survey of the rise of interest in problems of conduct, a discussion of different types of rheoretical interpretation, and the consideration of typical social and economic problems of the present day. Weekly reports on outside reading are required. Prefrequisite, Philosophy 1. Three credits. Second semester.
- 4. Aesthetics—This is a philosophic study of the principles of good taste in general, and in particular as applied to Architecture, Sculpture, Painting, Poetry, Music. Each student is required to make a careful study of some phase of one of the fine arts and to present his findings to the class, in lecture form. Three or four credits. First semester.
- 5. Paulsen and Bergson—The work is based on Paulsen's "Introduction to Philosophy" and Bergson's "Creative Evolution." This is a course for advanced students. Prerequisite, Philosophy 1. Three credits. First semester.
- 6. Advanced Ethics—In this course is given a detailed study of Egoism, U. Lilitarianism, Intuitionism. Prerequisite, Philosophy, 1, 3. Three credits. Second semester.

SOCIOLOGY

The aim of the work in Sociology is to give the student a comprehensive view of human society.

Such courses have been selected as are calculated to meet the needs of those intending to enter the professions of the ministry, law, teaching, and especially social service, as a life work, or journalism, and to develop in the student the power to use critically and constructively the historical method.

The city of Tacoma offers many opportunities for personal observation and experiment in its churches, organized charities, hospitals, orphanages, trades unions and city clubs.

- General Sociology—Nature of sociology; geographic, technic, psychological and social causes affecting the life of society; social evolution; social control; the shaping of the individual by society; the shaping of society by natural causes; the modification of society by cooperative endeavor; education the chief factor in social progress. Three credits
- 2. Modern Social Problems—A study of present day social conditions and problems, chiefly American, such as population, immigration, the city, the war, poverty, crime, Socialism, education, and the family. Three credits.
- 3. Applied Philanthropy—A study of the dependent, defective, and delinquent classes; charities and corrective agencies, including a study of institutions of the State of Washington for the care of the unfortunate; the jails, reformatories, the penitentiary, state hospitals, schools for the blind and deaf, the custodial schools, training schools, county homes, woman's reformatory, and Soldiers' Home. Three credits.
- 4. Human Engineering and Social Betterment Movements—
 A study of the problems of Child Welfare, Organized
 Charity, Community Service, Social and Governmental
 activity for Social Welfare, Social Settlements and Better
 Housing. Work in the Tacoma Settlement House for
 students planning social service as a life work. Three
 credits.
- 5. Social Legislation—An examination of some of the laws of Washington, the United States, Great Britain and other countries relating to social welfare. Examples are laws pertaining to Child Welfare, minimum wages, eight hour laws, workingmen's insurance, old age, health and accident, the divorce problem, public morals. Three credits.

DEPARTMENT OF PHYSICS AND GEOLOGY PROFESSOR RANSOM HARVEY

PHYSICS

This science underlies many of the other sciences and is essential to proper living in our modern civilization. Everyone must learn some of the laws of physics, in or out of school, in order not to be destroyed by the forces of nature. A systematic and complete knowledge of this subject can be used in many ways daily and one realizes the meaning of "knowledge is power" when he can make the forces of nature obey him by understanding her laws. All students who are headed toward general scientific work or engineering will find such a course indispensible to them.

- 1, 2. General Physics—The course includes mechanics, hydraulics, light, sound, heat and electricity. This is a nonmathematical course with simple problems to illustrate principles but requiring only a knoweldge of arithmetic and elementary algebra to pursue. Many practical devices will be explained and the practical side of the subject emphasized. It is a good course for those who want a general knowledge of the workings of telephone, telegraph, electric light, transformer, heating systems, engines, and the mechanics of music. Primarily for freshmen. Four credits each semester.
- 3. Mechanics and Heat—An advanced course in these subjects designed for those contemplating engineering or for those pursuing the Curriculum in Science. The course is more mathematical than 1 and 2. Prerequisite, Physics 1, 2, or high school Physics and Trigonometry. Lectures and recitations, three times per week; laboratory, two three-hour periods. Five credits.

Electricity, Light and Sound—In the lecture work the main facts and principles of these subjects will be explained and formulas developed and problems illustrating the relations will be required. In laboratory interesting and valuable experiments in electricity, light and sound will be worked out by the students. Accuracy of results is emphasized and the power of drawing accurate conclusions from observed data is developed. The student becomes familiar with the methods of handling delicate modern apparatus and avoiding all possible sources of error. Five credits.

Light—An advanced course in this subject consisting of lectures and reference work. The principles and mathematical relations of the phenomena of light are given careful consideration. The topics included are reflection, refraction, mirrors, lenses, dispersion, diffraction, polarization and color. Text: Edser's "Light." Two periods per week. Two credits.

Electron Theory and Radioactivity—A lecture course in the modern theory of matter and energy. Reference work, J. J. Thompson's "Corpuscular Theory of Matter." Prerequisite, Physics 3, 4 and Calculus. Two periods per week. Two credits.

Electrical Machinery—Advanced course in applied electricity and alternating current. The structure, operation and use of modern electrical machines will be studied supplemented by visits to power plants in the vicinity. Some of the devices to be investigated are generators, motors, transformers, switchboards, telephones, telegraph, wireless telegraph, and wireless telephones. Three lectures per week. Prerequisite, Physics 3, 4. Three credits, no laboratory fee.

GEOLOGY

A knowledge of this subject is essential in interreting the forms of nature that we see about us on very hand. The study of this subject enables us to pen the book of nature and read the history written in every river, rock and mountain. Not only does it tell us what has happened on the earth in the past but enables one to explain the changes and phenomena now taking place about him. It is a good course from a cultural as well as scientific standpoint, and might well be taken by any advanced student.

- 1. Structural and Dynamic Geology—This course treats of the present earth forms and the forces and processes which have produced the topography of the earth. Some topics are minerals and rocks and their classification, earthquakes, volcanoes, erosion, mountain folding, formations of valley and plain, coast lines and mineral deposits. Text: Chamberlain and Salisbury. Prerequisite, Chemistry 1, 2. Additional laboratory and field work of two hours per week with one additional credit is optional. First Semester. Three or four credits.
- 2. Historical Geology—Rocks will be studied in relation to their period of formation and the method by which they were laid down. The history of the planet will be traced in the record of the fossils of animals and plants. Geological folios and topographical maps will be studied and trips taken to points of special interest. Prerequisite, Chemistry 1, 2. Second Semester. Three or four credits.

DEPARTMENT OF PSYCHOLOGY

DEAN CUNNINGHAM

PROFESSOR FREDERIK L. GJESDAHL

 General Psychology—An introductory course, designed to acquaint the student with psychological terminology and method. Stress is placed on the physiological aspects of mental reactions through a study of the nervous system. Perception, imagination, attention, memory, association, judgment, reasoning, and various expressions of the affective consciousness, are among the processes investigated. Three credits. Given every odd year.

- 2. Social Psychology—The course takes up a systematic study of the psychical processes resulting from human association. A general examination of group psychosis, including the mind of the mob, crowd action, suggestion, contagion, imitation, social morality, fads, fashions, crazes, and other phenomena of social origin. Two credits. Given every even year.
- 3. Advanced Systematic Psychology—This course is designed for students who desire further work in the field of general psychology than is offered in Course 1. It seeks to correlate the various functional observations of the beginning course into a systematic whole. The subject is divided into causal and purposive psychology; under the first heading the physical world is discussed as it shapes human behavior; under the second, the personality is considered as a purposive agent, acting to modify and control the world. The philosophical consequences of inductive psychology are discussed in an effort to correlate the material of the course with the student's social, ethical and religious consciousness. Three credits. Given every odd year.
- 4. Genetic Psychology—The beginnings of the mental inheritance are examined from the phylogenic standpoint. The causes of individual variation, the problem of acquired characteristics, segregation and dominance, determination of sex, and like problems are taken up with an emphasis on the eugenic factors of racial development. Three credits. Given every odd year.
- 5. Psychopathology—The study of the diseased mind in its various abnormal states. Neurasthenia, hysteria, paranoia, hypnosis, are examined from the physiological basis in an effort to determine their causes. Tests and educational measurements for subnormal school children are taken up together with the study of the physical bases usually found to underlie the state. Two credits. Given every even year.
- 6. Comparative Psychology—A consideration of the animal mind, including an examination of the grounds on which our inductions concerning it are made. Constant comparisons are made between animal and human behavior. Two hours. Given every odd year.

- 7. Experimental Psychology—Analysis of the senses of sight, hearing, touch; of the processes of visual and tactile space perception; of fundamental affective and motor reactions. Laboratory and research work is emphasized. Two credits. Given every even year.
- 8. Psychology of Religion—Nature, origin and development of religious consciousness. The relation of religion to conduct and to values. Study of various religious phenomena, such as mysticism, prayer, conversion. Lectures, collateral reading and reports. Open to juniors and seniors who have had Psychology 1. Two credits. Given every even year.
- 9. General Psychology—This course is designed especially for students taking the Normal Course. It aims to give them (1) the technical vocabulary of the subject and (2) an acquaintance with psychological laws and theories which have to do with human behavior in its relation to the learning process. First semester. Three credits.
- 10. Educational Psychology—An outline course in which the growth of the child mind is traced to the changes in adolescence. The instincts, impulses and functions of the perception process are analyzed with a view of arriving at sound pedagogic principles. Second semester. Three credits.
- 11. Child Psychology—A course dealing with those tendencies of the child which bring about its mental and physical development. Practical problems of child life are studied. Prerequisite, a general course in Psychology. Three credits. Second semester.

DEPARTMENT OF PUBLIC SPEAKING PROFESSOR LYNETTE HOVIOUS

The purpose of the Department of Public Speaking is to furnish training that will enable young men and women to speak effectively, to read impressively and to teach the art of expression. Logical and consecutive thinking, development of the powers of expression and education of the sensibilities, form the ideal which inspires the work of the Department.

Private Lessons—A limited amount of time is devoted to private instruction, of which a few regular students in the College or special students may avail themselves. Special students are permitted to make their own selection of material. Private instruction will involve extra or special financial consideration, for rates of which see the schedule of tuitions and fees.

Recitals—Oratory recitals are given by students as often as advisable, in order that the student may have the experience of appearing before an audience. In the spring an evening oratory program is rendered by the students of the Department in the College auditorium.

Special Advantages—The city of Tacoma in its churches, lecture halls and theaters offers many fine opportunities for hearing fine speakers and good recitals, thus providing possibilities for a life of broad culture.

Requirements for a Diploma in Public Speaking—A student pursuing any of the several College curricula or a special student with collegiate standing may receive a diploma in Public Speaking on presentation of at least 68 credits including the following courses:

cou	rses:		
(1)	Public !	Speaking—	
	1, 2.	Practical Public Speaking 4	
	5, 6.	Argumentation and Debate	
	7, 8.	Dramatic Interpretation 4	
	9, 10.	Advanced Public Speaking 4	
		Private Lessons 8	26

(2) English— 1, 2. Rhetoric	12
(3) Psychology— 1. Principles of Psychology	3

Courses—The Department offers six courses running thruout the year, as follows:

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- 1. Practical Public Speaking—The course aims to set forth the principles of public speaking. Short original speeches are prepared and delivered to accustom students to think while standing before an audience and to use definite means for definite purposes. Proper development of the speech, effective presentation, development of self-confidence and personality are sought. The course is designed for freshmen. Two credits. Same course given each semester.
- 3,4. Oral Expression—This course is specially arranged for students in normal training. Proper control of the voice, correct breathing, how best to present material to the grades, story telling, dramatizing and the interpretation of a few choice selections will be given. Three credits each semester.
- 5, 6. Argumentation and Debate—Lectures will be given on preparation for debate, the principles of debate, the laws of argumentation and the art of debate. The course will include writing and discussions of briefs, debates on leading questions will be required of each student. The course is intended for those who wish to take part in intercollegiate or intrascholastic debates. Class debates will be correlated with other departments of the school. Prerequisite, Public Speaking 1, 2. Three credits each semester.
- 7,8. Dramatic Interpretation—Plays, classical and modern, are studied and read aloud. The course will include lectures on and study of costume, period decoration, manners and custom, stage carpentry, properties and makeup. Two credits each semester.

9, 10. Advanced Public Speaking—The course will consist of lectures, prescribed reading and reports. Special attention will be given to Bible reading and to community speeches. Prerequisite, Public Speaking 1, 2. Two credits each semester.

DEPARTMENT OF RELIGION DEAN CUNNINGHAM PROFESSOR JOHN O. FOSTER DR. A. P. ROLEN

The program of studies here offered is not to be regarded as a curriculum in theology, but is designed for students of whatever vocational intention.

Credits for courses pursued in this department will be accepted toward the satisfaction of the requirements for major in those departments of the College under which they fall according to their academic classification.

- 4. Life and Teachings of Jesus (Philosophy)—The social, ethical and religious teachings of Jesus as found in the four Gospels, will be studied as a part of the expression of his life or character. Effort is made to determine just what is the Christian philosophy of life. Two credits. This is the required course for Freshmen. Given each semester.
- 5. Principles and Methods of Religious Education (Education)—The aim of the course is to show how the best educational theory and methods may be applied in the moulding of character. A study will be made of the religious nature of the child at various stages of his development. The course will close with a discussion of the place of the family, the Sunday School, clubs, colleges and state schools, together with methods best suited to each, in the teaching of religion and morals. Two credits.

- 7. Philosophy of Religion (Philosophy)—After a rapid review of the nature and development of religion, the nature and validity of religious knowledge will be studied. The latter part of the course will be concerned with the ultimate truth of religion; God, His nature and attributes; the problem of evil; the progress and destiny of man. Lectures, assigned reading and open discussion. Open to juniors and seniors who have had Psychology 1 or Philosophy 1. Two credits.
- 8. Grounds for Theistic Belief (Philosophy)—The various arguments for the existence and personality of God; evidence for the trustworthiness of Christianity, the religious instinct, the ethical impulse. Open to Juniors or Seniors only. Two credits.

For courses in psychology of religion, see the department of psychology; for a study of the Bible as literature, see the department of English.

MISCELLANEOUS CREDITS

College Problems—The course is required in the Freshman year of all four-year curricula, and is open to all other freshmen. The course will seek to anticipate the various vital problems—disciplinary, scholastic, physical, religious, social, moral, economic, cultural and vocational—that present themselves to the college student, and will seek to relate the college training to later life. The course consists of weekly lectures thruout the first semester given by the dean, supplemented by collateral reading from some of the most instructive and most stimulating books in the field covered. One credit.

Physical Education—A course allowing one credit each semester is required of all freshmen. The course consists of two general features: First, practical hygiene; second, physical training, consisting of gymnastics or athletics. Students physically incapacitated for gymnastics or athletics may be permitted to satisfy the full requirement with hygiene.

Chapel Choir—The Chapel Choir is composed of twelve voices selected from among the students and trained by the Director of the Conservatory of Music. The choir meets one day each week for practice and rehearsal. One credit is given for membership in the choir for one year.

Public Literary Work—On recommendation of the head of the department of English the editor-in-chief of the student publication, The Trail, is entitled to two credits for the work of one year.

The Editor-in-Chief of the Tamanawas on the same basis may receive one credit.

Thesis—An acceptable thesis on a subject in the major group is a graduation requirement in all curricula. The subject must be approved by the head of the department concerned by October 15th of the Senior year and must be submitted to the faculty by May 15th. The thesis will receive three credits.

SUMMER SESSION

Duration—The Summer Session extends for a period of nine weeks, or one-half a semester, for credit courses. Teachers' Review courses extend for only six weeks, and certain credit courses may be discontinued at the end of six weeks with two-thirds of the full credit, if desired.

Scope of Instruction—Instruction offered in the summer session is of two kinds; (a) college courses for credit, (b) teachers' review courses.

- (a) The courses available for college credit will be somewhat determined by the demand, as the College is not able to organize classes for fewer than six students. However, the following courses can be anticipated with reasonable assurance: In Education—History of Education, Theory and Art of Teaching, School Manual, Normal Music, Normal Art; in Psychology—Principles of Psychology; in History—American History, European History; in Social Science—a selected course in Sociology or Economics; in Botany—a course in Morphology; in Physiology—a general course, including hygiene; in Home Economics—elementary courses in cookery and sewing. Other courses in these and other departments will be offered as demand warrants. Credit obtainable is limited to nine credits for nine weeks or six credits for six weeks.
- (b) Review courses are offered in the subjects specified for State examination for the first grade or second grade elementary certificate. For the second grade elementary certificate the following courses are given: Reading, grammar, penmanship and punctuation, history of the United States, geography, arithmetic, physiology and hygiene, orthography and Washington State Manual.

For the first grade elementary certificates, in addition to the foregoing subjects required for the second grade elementary certificate, the following subjects are given: Nature study, drawing, literature, agriculture, civics, physical geography and music; but in lieu of two of these subjects substitutes acceptable to the State Board of Education may be offered.

Students pursuing review courses may employ any standard textbooks in the elementary subjects pursued.

Tuition—The tuition for courses for credit will be \$9.00 for the half-semester, or \$6.00 for term of six weeks, for one subject of one to four credits; two courses of four or more credits will be \$18.00 or \$12.00 respectively. No regular registration fee is charged, but a Special registration fee of \$1.00 will be charged of all who register after the regular registration day.

Living Expenses—A limited number of students can be accommodated in the College dormitories. For those preferring residence and board with private families, these accommodations can be obtained convenient to the College at reasonable figures. For board and room in the College the lowest practicable rates will be charged. A deposit of \$2.00 is required of those who make reservations in the dormitories.

Lecture and Entertainment Course—A lecture and entertainment course will be given consisting of

readings, musicales, stereopticon lectures and addresses on special educational topics by prominent educators.

Advantages—Tacoma is beautifully surrounded by a country full of interesting phases of nature. Parks in the city, beautiful driveways in the country, the seashore and the mountains, furnish ample opportunity for most profitable pleasure trips.

Along with the special opportunity for study and recreation, and college surroundings, with tennis courts, athletic field, library and laboratories, are to be considered. In a measure, the spirit of the college is carried over into the summer school. Last summer there was more of the advanced work done than previously. We shall strive to develop this feature.

For further information concerning the summer school address the president.



Conservatory of Music

FACULTY

CLAYTON JOHNSON, Director — Organ, Pianoforte, Harmony, Counterpoint, etc.

FREDERICK KLOEPPER, Voice Culture.

IRENE HAMPTON, Pianoforte.

HERBERT RILEY, Violin-cello.

MRS. PAUL T. PRENTICE, Violin.

MADGE C. HURD, Pianoforte.

PEARL A. ANDERSON, Pianoforte. RITA TODD. Pianoforte.

The Conservatory of Music is closely affiliated with the College of Liberal Arts, contributing in a large way to the general culture and activities of the College. Situated in the city of Tacoma, the students have the advantages of a city coupled with those of a live college. This, together with the thoro and upto-date work required in the Conservatory of Music, makes an ideal environment for the ambitious student to become a thoroly broadened and experienced musician.

Equipment—The Conservatory of Music has a building wholly given up to the needs of this department. In it are to be found the Director's office, a reception room as well as teaching and practice rooms, and all business connected with this department is carried on in this building.

Special Free Advantages—The Chapel choir is composed of voices selected from among the students and trained by the Director of the Conservatory of Music. This regular professional training received in the choir means much to the student of music. The College also grants credit for work done in the Chapel choir.

The Women's Glee Club is made up of sixteen members, who are chosen for their good voices. To be a member of the glee club it is not necessary to be able to read music or to have a trained voice, although both are desirable. Training is given free of charge in class work by the Director or his assistant.

Recitals and Concerts—These are given by the faculty and students at specified intervals thruout the year. On each Thursday during the school year special music is given at the Chapel service by the Chapel choir or visiting musicians. This gives ample opportunity for hearing the best music, as well as a little valuable experience in public performance. All students are expected to take part when called upon.

Enrollment—Students may enroll at any time during the year, but it will prove more satisfactory to both teacher and student for all to begin work at the opening of the school year, for then is the only time when classes in Science of Music begin the year's work.

Summer School—The Conservatory of Music will be open thru the Summer months and work may be done in any branch of the art. The climate of Tacoma is ideal for Summer study and one may rely on accomplishing much during this term of school.

COURSES OF STUDY

Preparatory Course—This course is the fundamental piano work required of all students who contemplate graduation from any of the courses offered in the Conservatory. Its object is to give a solid foundation which will enable the student to pursue with intelligence and less difficulty the subjects given in the more advanced grades. This course includes Scales, Major and Minor, in all keys and Arpeggios, Czerny Op. 599 and Hellar Studies Op. 47, and and it is just as important for the singer and violinist as it is for the pianist and the organist.

Pipe Organ—In this course, piano technic plays a very important part. It is quite necessary that the one who attempts to master the king of all instruments should have at least all of the piano work required in the Preparatory course. Ordinarily, pupils are prepared in one school year's time to undertake a church position. The Course includes Rinck's Organ School; Buck Pedal Studies; Preludes and Fugues of Bach; Sonatas by Mendelssohn, Guilmant and Rheinberger; Concertos by Handel and Symphonies of Widor.

Pianoforte—As the piano is the foundation for all branches of music we give much attention to this department. Our work is thoro and progressive and our course is up to date and the equal of any in the country. We train students for teaching or concert work and we require such additional work as will broaden, refine and elevate the taste in music. This course includes Exercises for Independence of Fingers, by Phillipp; Mendelssohn, Songs without Words; Moscheles Etudes Op. 70; Bach, Inventions Preludes, Fugues and Suites; Beethoven Sonata; Chopin Etudes; as well as smaller pieces by American composers. Concertos by classic and romantic composers.

Voice-Culture—In breath control, tone placing and voice build ing, only the best and most approved methods are used These follow the lines laid down by the old Italian masters of singing. Much attention is given to interpretation as well as vocal technic. Students of voice culture are urged to study piano also. The Exercises of Sieber, Bordogni Marchesi, Vaccai, Lutgen are used as well as Schubert Schumann and Brahms songs; Arias from Opera and Oratorio; Song Cycles and American songs; quartettes duets. etc.

Violin—The violin is one of the most delightful instruments and at the same time one of the most difficult to master We give much attention to the position, correct intonation and bowing. Students of the violin are advised to take up the study of the piano and harmony also, as those studies will prove of great value before the course is finished. In this course the works of Seveik, Kreutzer Fiotillo are used, with Concertos of Viotti, DeBerriot Davids Violin School and Sonatas of various composers

Science of Music.—This course is all class work and embraces all work from the Rudiments of Music thru four years course. It is very important to students and should be carried on with the regular work in Applied Music. Althouly a part of the work is required for graduation in any of the other courses, the regular diploma of the Conservatory of Music will be awarded upon completion of all the work in Science of Music. Included in the course are Rudiments of Music, Harmony, Counterpoint, Composition Orchestration, History of Music, Ear Training, Ensemble playing, Normal Music, Sight reading and Physics.

Graduation—Believing that having a definite end in view and a thoro course to follow leads to better results, we encourage our students to work towards graduation in one or more of the courses in the Conservatory of Music. Althomany students finish the course in two or three years many more will require a longer time; therefore, we do not promise to graduate any one until the end is in view and seldom then do we promise. Everything depends upon the pupil himself; his natural ability, preparation, ambition and aptitude for work. Any student who has been regularly enrolled in the Conservatory of Music for not less than two semesters may apply for a diploma.

CONSERVATORY OF MUSIC

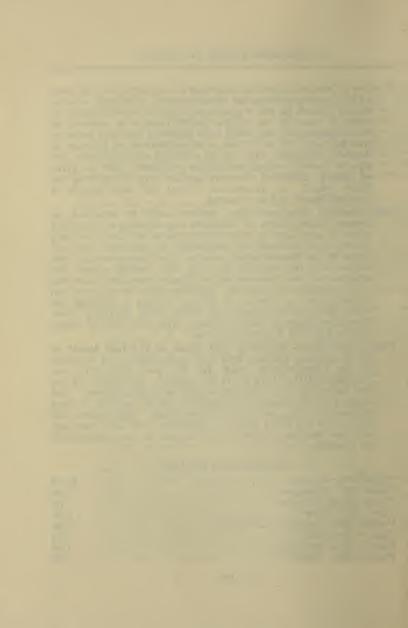
Teacher's Diploma—Besides finishing the work in one or more of the regular courses all students must fulfill the requirements named in the Preparatory course, must appear in three or more of the regular public recitals or concerts of the Conservatory and must have passed a grade of seventy-five per cent. in all of the required classes of Science of Music. Diplomas will not be awarded to any under the age of twenty unless satisfactory evidence can be given of having completed the work preparatory to entering the High School. A graduation recital for each course in Applied Music will be required.

Post-Graduate Diploma—This diploma will be awarded in Organ, Piano, Voice or Violin to any student or musician who, in addition to the requirements of the Teacher's Course, has successfully completed the advance work offered in the Post-Graduate course. In this course the candidate will be required to give two recitals under the auspices of the Conservatory of Music—one alone and one with assistance if desired. Students from any recognized Conservatory or School of Music, holding a diploma for work done in the course for which they desire a Post-Graduate diploma, will be exempt from the Applied Music required in the Teacher's course.

Free Scholarships—Realizing that much of the best talent in music remains undiscovered and undeveloped, the Director of the Conservatory offers for the year 1918-1919 two FREE SCHOLARSHIPS in his classes. The holder of the two semesters in piano and science of music classes. The holders of the Second Scholarship will be entitled to free tuition in piano alone for two semesters. The contest will take place the third week in September and any who may be interested may write to the Director at as early a date as possible.

RATES OF TUITION

Piano-Mr. Johnson	\$2.50
Voice—Mr. Kloepper	
Piano—Miss Hampton	3.00
Cello—Mr. Riley	3.00
Violin—Mrs. Prentice, per month	10.00
Piano—Mrs. Hurd	
Piano-Miss Anderson	
Piano-Miss Todd	1.00



Graduation Awards

CONFERRED COMMENCEMENT DAY, 1920

DEGREE OF DOCTOR OF DIVINITY

Ammon L. Howarth Portland
Edgar Couch Wheeler Tacoma
Robert P. Shaw Tacoma
DEGREE OF DOCTOR OF LAWS
Bishop Frederic W. Keator Tacoma
DEGREE OF BACHELOR OF ARTS
Amende, Mabel; Science Tacoma
Baker, Alice; Language Tacoma
Cramer, Henry; Social Subjects Tacoma
Cronquist, Hildur; Language Shelton
Moe, Gladys; Language Tacoma
Pleasants, Bessie; Science Tacoma
Powell, Francis; Social Subjects Cashmere
Tuell, Charline; Science Tacoma
Young, Harold; Science Selah

HONORS

Magna cum laude: Gladys Moe; Hildur Cronquist.

Cum laude: Mabel Amende; Bessie Pleasants.

Honorable Mention: Harold Young.

COLLEGE OF PUGET SOUND

NORMAL SCHOOL ELEMENTARY DIPLOMA Floberg, Irene Alpha Puvallup Huntington, Ralph Tacoma Jeffers, Alta Mae Olympia Jones, Elsie Beryl Tacoma Kimple. Edith Pearl Tacoma Knauf, Anna Mary Tacoma Larson, Edythe Constance Tacoma McKee, Mary Elaine Gig Harbor Olson, Anna Mary Puvallup HONORABLE MENTION Phillips. Mamie Estelle Sumner Townsend, Dorothy Hortense Tacoma DIPLOMA IN THE CONSERVATORY OF MUSIC Diploma in History, Theory, and Music Supervisor's Course .. Tacoma Day, Marie Edna Diploma in Pianoforte, History, and Theory Courses

Hurd, Madge Cotrael Tacoma

Register of Students 1920-1921

COLLEGE OF LIBERAL ARTS

SENIOR CLASS

Anderson, O. R Roy
Clay, Ernest H Quincy, Ohio
Feller, Herbert G Tacoma
Hastings, Goldie Thelma Chehalis
Hooker, Hazel Tacoma
King, Helen Snohomish
Miller, Greta E Magnolia Beach
Myers, Marion June Tacoma
Rynning, Lars Edgar Tacoma
Shunk, Maude Tacoma
Sinclair, Vera J Tacoma
Smith, Nellie L Auburn
Wayne, Winifred Tacoma

JUNIOR CLASS

Anderson, Leander L Kendrick, Idaho
Beckman, Ethel Tacoma
Brace, Helen E Puyallup
Ciscar, Victorino Philippine Islands
Clay, Russell E Quincy, Ohio
Cruver, Lewis T Gig Harbor
Dorwin, Margaret Tacoma
Dufall, Esther Tacoma
Erp, Anton P Astoria, Oregon
Hart, Helen B Tacoma

COLLEGE OF PUGET SOUND

Longstreth, Edward	Tacoma
Lemmon, Fielding	Tacoma
Maddock, Florence	Tacoma
Martin, Olive Lenore	Tacoma
Michener, Dorothy	Tacoma
Monroe, Helen G	Tacoma
Murland, Helen	Tacoma
Scott, Agnes C	Tacoma
Snyder, James Paul Gig	Harbor
Warren, Myrtle	Tacoma

SOPHOMORE CLASS

Anderson, Sarah Katherine Ash	ford
Anderson, Mary Tac	oma
Arnett, Steven S Tac	oma
Bailey, Valborg M Tac	oma
Beardemphl, Alice Lorrene Tac	
Beattie, David Garnham Sun	nner
Bergdal, Eyvind Juneau, Ala	aska
Bock, Eva Marie Sun	nner
Bowman, Douglas Clyde Tac	oma
Boyle, Kathleen Tac	
Brady, Charles F Nati	onal
Brasslin, Hazel Tac	oma
Brooks, Benjamin Franklin Tac	
Brown, Mildred R Vanco	
Chamberlin, Mrs. Maude Tac	
Chapman, Effie Kal	ama
Clark, Beatrice Tac	oma
Ericson, Howard C Tac	oma
Fellows, Mabel Esther Puya	llup
Goehring, Frances Tac	oma
Graham, Esther Pro	sser
Hammarlund, Alice A Gig Ha	rbor

Harding, Gladys Tacoma
Hart, Dean B Tacoma
Hart, Ruth M Tacoma
Herzog, Jacob Frederick Tacoma
Huff, Effie Tacoma
Johnson, Esther W Bow
Jones, Beulah Enumclaw
Lawrence, Norma Tacoma
Levinson, Samuel Louis Tacoma
McPhail, Ross E
McQuary, Madge Irva Tacoma
Newell, Dorothy E
Nicholson, Phoebe Nespelem
Ohlson, Margaret A Tacoma
Pakenham, Carla Tacoma
Pease, Winnifred E
Perkins, Rosa M Olympia
Ross, Billy Grace Chehalis
Scheyer, Hilda A Puyallup
Scott, Wallace W Tacoma
Stone, Newell Grandview
Sullivan, Mrs. R. K
Sund, Agnes S
Swayze, Thomas Allen Tacoma
Todd, Florence R Tacoma
Warren, Ermine
Wilder, Raymond D Blanchard
The second of th
FRESHMAN CLASS
11 11 77 1

Ahnquist, Evelyn	Tacoma
Amende, Edward E	Yakima
Avarientos, Eugenio	
Bestler, Thelma	
Barlow, Mildred	

Blancher, Erwin Tacoma
Brennan, Audley
Brix, Helen A Tacoma
Brown, Earl E Tacoma
Buckley, Helen E
Butt, William H Tacoma
Carlson, Ebba Aurora Tacoma
Carlson, Elmer Gig Harbor
Cavanaugh, Cecil Tacoma
Christianson, Elmer Tacoma
Cook, Richard Tacoma
Crawford, John Tacoma
Cruver, Roy Everett Puyallup
Davidson, Leo J Orting
Deegan, Clyde John Shelton
Dewaide, Harold Tacoma
Fischer, Raymond Tacoma
Forsberg, Mildred M Tacoma
Frees, Martha Marie Tacoma
Fretz, Harold T Burton
Gartrell, Ada May Tacoma
Gast, Forrest C Tacoma
Gawley, Ruth M Tacoma
Gillies, Mildred Sumas
Graves, Luretta Port Angeles
Greene, Lucile M Tacoma
Hampton, Linnie E Tacoma
Harris, Arthur J Port Angeles
Heagerty, Mamie Gertrude Tacoma
Hedstrom, Audrene Charlotte Tacoma
Hedstrom, Dwight Gordon Tacoma
Heinrick, Sibyl Eileen Tacoma
Hilliard, Leslie J Portland, Oregon
Jones, Myrtle
Keller, Lucile J Tulalip

Kennedy, Marjorie T	acoma
Kennedy, Ruth T	acoma
Kenney, Lula Grace	Vader
Kenrick, George E T	acoma
Kerr, H. Catherine T	acoma
Kloeppel, Miriam T	acoma
	acoma
	acoma
Matthews, Alfred W Pu	yallup
	acoma
Monty, George R T	acoma
Morris, Katherine S	
Murland, Elva T	
Myhrman, Herman M T	
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McWilliams, Guy E Tr	acoma
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Niesen, Frances T	acoma
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Nourse, Salem	Vourse
Olson, Berenice N T	acoma
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Pease, Edgar Bishop T	acoma
Peterman, Luella M Si	umner
Peterson, Selma Enur	mclaw
Pierce, Nelson T	acoma
Rector, Harold G H	illiard
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Rumbaugh, Edwin Ross Ta	acoma
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Schrader, Arthur Eugene Tr	acoma
Schuster, Ethyl Ta	acoma
Scott, Thelma M	labton
Short, Miriam C	Milton
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Smith, Dorothy A Chewelah
Smith, Gertrude E Auburn
Smith, Spencer B Tacoma
Standring, Frank H Tacoma
Stoddard, Myrna Blanche Tacoma
Tennant, Alice Ruby Tacoma
Thoman, Marguerite Cle Elum
Thomas, Ralph R Tacoma
Thompson, Matthew Tacoma
Tolentino, Angel Philippine Islands
Tuell, Anna Tacoma
Turley, Edith F Tacoma
Van Loon, Helen Tacoma
Vaughn, Max Sedro-Woolley
Villafuerte, Vicente Philippine Islands
Wallace, Nellie M Puyallup
Wasson, Richard Tacoma
Wheeler, Ruth Steilacoom Lake
Williams, Winifred

UNCLASSIFIED STUDENTS

Anderson, Elmer H Kendrick, Idaho
Benjamin, Arthur O Tacoma
Butt, Ferdinand Hinckley Tacoma
Buttorff, James R Tacoma
Campbell, Mrs. Pearl Tacoma
Carlson, Singnie Elizabeth Tacoma
Cory, Merle Ralph Tacoma
Cunningham, Jean G Tacoma
Dunlap, Dorothy Day Tacoma
Durkee, Irma E Tacoma
Elyea, Winifred Tacoma
Flagg, Adelaide E Tacoma
Fowler, M. Pearl Tacoma

French, Jennie Maxam Tacoma
Gustin, John B Tacoma
Hawthorne, Rosa M. Pyne Tacoma
Hayward, Evelyn Tacoma
Hayward, Paul E Tacoma
James, Charles Clinton Algona
Jeffers, Alta Mae Olympia
Johnson, Johanna Tacoma
Jones, Cyrus D Hilliard
Kelly, Alice Tacoma
Kelly, Effie Louise
Kilborn, Lodemia Puyallup
Kinch, Clyde M Snohomish
King, Lottie Tacoma
Lapham, Margaret A
Lem, Yorkson
Lindmark, Alice
Logan, Ettie
Maxam, Elsie
McDonnell, Mary Agnes
Mullenger, Isabelle
Norton, Margaret
Nye, Ansel
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Owen, Roy Martin
T
Purkey, John Bates
Quigley, Anna B Tacoma
Rosso, Nellie G Parkland
Russ, Louise Tacoma
Shackleford, Charlotte S Tacoma
Shackleford, Martha W Tacoma
Sheffer, Lauren A Fenville, Michigan
Smith, Verna E Montezuma, Iowa

Soper, Edith Tacoma
Sprague, Roy L Tacoma
Stringer, Gertrude A Seattle
Vaughn, Leroy Tacoma
Warburton, Stanton Tacoma
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SPECIAL STUDENTS
Aldrich, Kenneth B Tacoma
Bowers, Roy Tacoma
Brady, Wayne L National
Brooks, Alexander B Hood River, Oregon
Chapman, Anita B Kalama
Coman, Dorothy M Tacoma
Danielson, Lillian Tacoma
Gasman, Gerda Spokane
Gourley, James Willis Tacoma
Griffiin, F. Hillis Tacoma
James, Ruth Benjamin Algona
Johnson, Fred L Tacoma
Longstreth, Evelyn Tacoma
Macauley, Mrs. Chas Tacoma
McLaughlin, C. W Steilacoom
Minsch, John Tacoma
Oikawa, Hideo Tacoma
Penning, Russell John Spokane
Schafer, Arthur G Tacoma
Slyter, Clarence Tacoma
Smith, Archie H Salem, Oregon
Stone, Howard J Tacoma
Storrey, Ethel Mae Bellingham
Thorson, Theodore Tacoma
Van Amburg, Sigrid Tacoma
Woodworth, Almon Bayley Tacoma
Warmala Tilana 1 O

Tacoma

Youngberg, Emanuel Oscar

CONSERVATORY OF MUSIC

1920-1921

VOICE

Ames, H. G Tac	oma
Anderson, Hazel Tace	oma
Andrews, Inger Tac	oma
Arneman, Gertrude Tac	oma
Banks, Grace Tac	oma
Brix, Helen Taco	oma
Bain, Leon Tac	oma
Busselle, B. B Tac	oma
Cook, Earl Tac	oma
Cedar, Edward Tac	oma
Coffin, Corrinne Tac	oma
Craig, Mrs. Stanley Tac	oma
Craney, Wallace W Tac	oma
Cronemiller, Mrs. A. A Tac	oma
Damkier, Mrs. E. W Sunsi	hine
Dammann, Annie Parkl	and
Delano, Opal Tac	oma
Doten, Bernice Tac	oma
Edwards, Josephine Tac	oma
Evans, Pearl Tace	oma
Gjesdahl, Mrs. F. L Tac	oma
Hall, Dorothy Puya	llup
Hallen, Roy Tace	oma
Harstad, Adolph Parkl	and
Hart, Ellena Taco	oma
Haydon, Hazel L Taco	oma
Jaycox, Marion B Taco	oma
Jassen, Margaret Tac	oma
Kelley, Mrs. J. P Taco	oma
Knabel, Will Tace	oma

Lane, J. D Tao	coma
Langabeer, Mrs. Chas Suns	shine
Little, Jack M Tao	coma
Lorenz, Gertrude Suns	shine
McKee, Mary Gig Ha	arbor
McReavy, Cecilia Tao	coma
Mullenger, Isabelle Tao	coma
Myers, Marion June Tag	coma
Neely, Marguerite Tac	coma
Neville, Laura Ta	coma
Perkins, Rosa Oly	mpin
Raymond, Faye Tao	coma
Russell, Anne Tao	coma
Shannon, Mrs. Marie Tao	coma
Schlatter, Vernon Tac	coma
Scott, Mrs. M. A Ta	coma
Scott, Wallace W Ta	coma
Selby, Mrs Du	pont
Smith, Archie H Salem, Or	ipont regon
Smith, Archie H Salem, Or	-
Smith, Archie H Salem, Or Soule, C. H	egon
Smith, Archie H. Salem, Or Soule, C. H. Tagstabbert, Edward Tagstabbert, Edward	regon coma
Smith, Archie H. Salem, Or Soule, C. H. Tac Stabbert, Edward Tac Strong, Birdien Tac	regon coma
Smith, Archie H. Salem, Or Soule, C. H. Tac Stabbert, Edward Tac Strong, Birdien Tac Stuart, Mr. Tac	regon coma coma
Smith, Archie H. Salem, Or Soule, C. H. Ta Stabbert, Edward Ta Strong, Birdien Ta Stuart, Mr. Ta Sullivan, R. K. Ta	coma coma coma coma
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PIANO

Alstad, Sylvia Tacoma	ì
Anderson, Mrs. Maude Roy	7
Anderson, Pearl A Tacoma	1
Andrews, Mina Tacoma	1
Begley, Inez Tacoma	3,
Berryman, Barbara Tacoma	ì
Blix, Martha Tacoma	ł
Bloomquist, Leonora Tacoma	a
Burroughs, Howard Tacoma	1
Chapman, Anita Kalama	a
Chilen, Ethel Tacoma	a
Cornell, Winifred Puyallug)
DuBuisson, Dorothy Tacoma	a
Delano, Opal Tacoma	a
Elliott, Dorothy Tacoma	a
Erickson, Bulow Tacoma	1
Franzen, Emery Tacoma	a
Garceau, Myrtle Tacoma	3
Garceau, Suzanne Tacoma	a
Garrison, Edna Tacoma	a
Gudmundsen, Alphild Tacoma	a
Hall, Mrs. E Tacoma	a
Hart, Ellena Tacoma	a
Heare, Miriam Tacoma	a
Heare, Helen Tacoma	a
Hedberg, Mildred Tacoma	a
Hobbs, Gertrude Tacoms	a
Hostetter, June Tacoms	a
Hubman, Joseph Tacoma	a
James, Ruth Benjamin Algons	a
Jessen, Margaret Tacoma	
Johnson, Elsie Tacoma	a
Kloepper, Luise Tacoma	a

Lesher, Fredabelle	Tacoma
Lesher, Mary	Tacoma
Lesher, Verga	Tacoma
Loughlin, Everilda	Tacoma
Michael, Mollie	Tacoma
Michael, Monte Michael, Dorothy	Tacoma
Miller, Margaret	Tacoma
Miller, Portia	Tacoma
Mottel, Mrs. W. F.	Tacoma
Mullenger, Winifred	Tacoma
Mullins, Francis	Tacoma
McMinimee, Winifred	Tacoma
Neville, Laura	Tacoma
Olsen, Olga	Tacoma
Porter, Daisy F	Tacoma
Rundquist, R. J.	Tacoma
Sather, Leonard	Tacoma
Savage, Margaret	Tacoma
Scrimshire, Tommy Elizabeth	Tacoma
Storrey, Ethel Mae Be	llingham
Strong, Birdien	Tacoma
Sullivan, Mrs. R. K	Tacoma
Thorp, Gertrude	Tacoma
Thurston, Florence	Tacoma
Todd, Reta	Tacoma
Turnbull, Thomas	Tacoma
Watson, Margaret	Tacoma
Wedeberg, Ella	Tacoma
Wight, Myrtle	Tacoma
Williams, Robert	Tacoma
Williams, Virginia	Tacoma
Wilson, James	Tacoma
Young, Esther	Tacoma
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PIPE ORGAN

Barlow, Mildred	Tacoma
Dufall, Esther	Tacoma
Harmon, Georgia	Tacoma
Mullenger, Isabelle	Tacoma
Scott, Mrs. M. A	
Talbott, Mrs. A. J	Tacoma
Todd, Mrs. Wesley	Tacoma
Wayne, Winifred	Tacoma

NORMAL MUSIC

Anderson, Katherine	Tacoma
Bock, Eva	Sumner
Brasslin, Hazel	
Chamberlain, Mrs. Maude	Tacoma
Clark, Beatrice	Tacoma
Fellows, Mabel	Puyallup
Garceau, Myrtle	
Grass, Mrs. Zaida	
Hammarlund, Alice Gig	Harbor
Jones, Beulah E	
McQuary, Madge	
Pease, Winnifred	
Ross, Billy Grace	
Storrey, Ethel Mae Be	
Sund, Agnes Gig	
Todd, Reta	
Warren, Ermine	Colby

EAR TRAINING

Garceau, Myrtle	Tacoma
Gudmundsen, Alphild	Tacoma
Hallen, Roy	Tacoma

Loughlin, Everilda T Mullenger, Isabelle T Scott, Mrs. T Storrey, Ethel Mae Bellin	ntralia
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Storrey, Ethel Mae Bellin	_
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Wohlfarth, Everett T	acoma
History	
Garceau, Myrtle T	acoma
Loughlin, Everilda T	acoma
Mullenger, Isabelle T	acoma
Storrey, Ethel Mae Bellin	ngham
Covernment	
COUNTERPOINT	
Gudmundsen, Alphild Ta	acoma
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Todd, Reta Cen	
Toda, Ivoa Oen	vialia

SUMMARY OF REGISTRATION 1920-21

College of Liberal Arts—		Total
Graduates	2	
Seniors	13	
Juniors	19	
Sophomores	49	
Freshmen	94	
Unclassified	53	
Specials	28	
Total		258
Summer Session of 1920—		
Total		132
Conservatory of Music—		
Total		149
Grand Total		539
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	27	70
NET TOTAL		469

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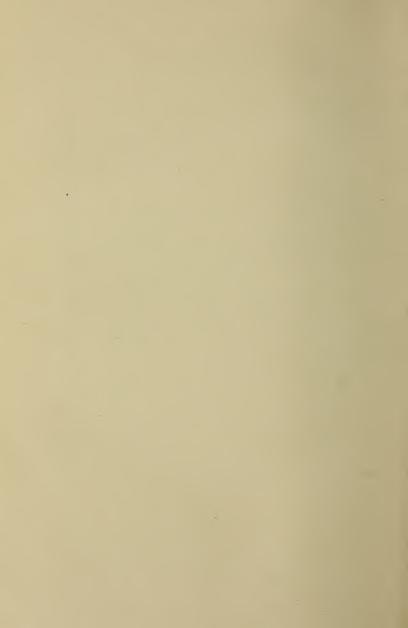
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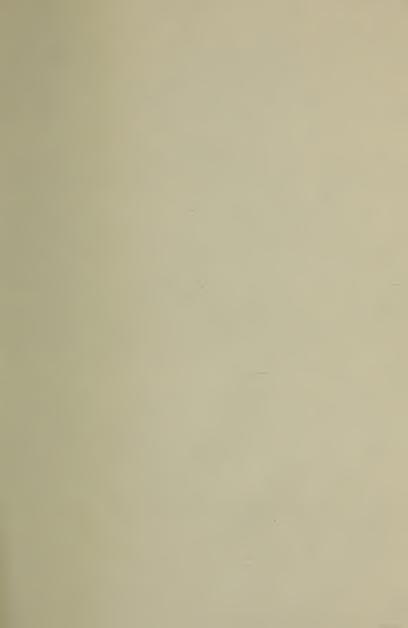


















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